

1985

Research & scholarly achievements, July 1, 1984 - June 30, 1985

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Research & Scholarly Achievements



Volume 4

July 1, 1984 — June 30, 1985

University of Central Florida

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1. Introduction

This publication is the fourth annual summary of scholarly activities at the University of Central Florida. It covers the period from July 1, 1984, to June 30, 1985. It is intended that this report highlight the contributions to scholarship by the faculty during this period.

It is clear that this listing cannot be complete in the sense of providing a comprehensive compilation. Research endeavors do not begin, nor do they end, on a specific date. Much of the work reported here was begun before July 1, 1984. Much of the work done during this year will be formally reported after June 30, 1985.

Classroom teaching is often a scholarly activity. Yet, we know of no totally satisfactory way of evaluating its scholarly content. A variety of other faculty activities, many of which have a scholarly aspect, have been designated as service activities and thus have been excluded.

A number of other worthwhile (and often scholarly) activities have been excluded by the unanimous decision of the Faculty Committee which set up the original guidelines. These exclusions include: professional consulting, journal reviews, holding office in a national association, chairing meeting sessions, workshops, newsletters, copyrights, and product development. A rule of thumb for inclusion is that the written, or oral, scholarly activity be prepared for an audience of professional peers on a subject in one's area of professional expertise.

At first glance, performances--whether they be an artist's exhibit, a musician's performance or a dramatic work enacted on a stage--do not fulfill this criterion of peer review since the bulk of one's audience is the general public. However, it is the viewpoint of the Committee on Publications that in order to be invited for such a performance, one has to have been evaluated and judged by one's peers before exposure to a general audience. It is for these same reasons that any such performance taking place on the UCF campus has been excluded.

Finally, in the area of Grants and Contracts it is self-evident--especially to those who have applied and not received funding--that there is a major component of peer-review involved here.

2. Organization

The Faculty Publication Committee together with the Graduate Dean have set up the following guidelines for the classification of the scholarly activities to be included in this publication.

I. Publications

- A. Books and Monographs
- B. Articles, Peer-Refereed
 - 1. International or National Journals
 - 2. Regional or State Journals
- C. Proceedings
- D. Other Scholarly Work - Work in this category need not necessarily have been subjected to peer review.

II. Creative Work - Art, Music, Theatre, Other

III. Presentations

- A. Before an Audience of Peers at a Professional Meeting
 - 1. International or National Meetings
 - 2. Regional or State Meetings
- B. Seminars Before an Audience of Peers - Invited by a University, College or Department or invited by a group of professional peers.

IV. Grants and Contracts

- A. Externally Funded
- B. Internally Funded

3. Format of entries--please follow the format of the examples cited below.

BOOKS AND MONOGRAPHS

Authors....(last name, initials [all UCF faculty have name in caps])

Book title....(capitalized and underlined)

Publisher information....(city, state: name of company)

Book information....(year of publication, total number of pages)

Example

Martin, J., Petty W. and KLOCK, D. Personal Financial Management (New York, NY: McGraw-Hill Book Company) 1982, 427 pages.

ARTICLE IN A PROFESSIONAL JOURNAL

Author....(last name, initials [all UCF faculty have name in caps])

Title of article....(in quotation marks)

Journal name in its entirety....(underlined, no abbreviations or acronyms)

Volume number....(underlined) followed by issue number, if any (in parentheses)

Actual page numbers in journal on which article begins and ends

Year published....(in parentheses).

GUY, C. L., Yelenoski, G. and SWEET, H. C. "Distribution of ¹⁴C Photosynthetic Assimilates in 'Valencia' Orange Seedlings at 10° and 25°C," Journal American Society Horticulture Science, 106 (4), 433-437, (1981).

PROCEEDINGS

Author....(last name, initials [all UCF faculty have name in caps])

Title....(in quotation marks)

Volume....title should begin Proceedings of . . . (no abbreviations and entire title underlined)

Year published....(in parentheses).

Example

Kellogg, S. C., Phillips, R. L. and WALTERS, R. A. "Multiple Aperture and Single Aperture Optical Imaging System Comparisons for Correct Detection Probability and Resolution," Proceedings of the Industrial, Electrical and Electronic Engineering National Aerospace and Electronics Conference, (1983).

CREATIVE WORK

Exhibit

Artist....(last name in caps, initials)

Type of show....(group exhibit, one-man show, etc.)

Title....(in quotation marks)

Location....(specific location, city, state [use 2-letter abbreviation])

Date....(month, beginning day-final day, year, no abbreviations)

Example

EYFELLS, J. Group exhibition, "The Biennial Icelandic Art Festival 'The Foreign Legion' 10 Artists Working Abroad," Reykjavik, Iceland, June 1 to August 31, 1984.

Performance

Artist....(last name in caps, initials)

Type....(performance, concert, recital, etc.)

Location....(specific location, city, state [use 2-letter abbreviation])

Date....(month, beginning day-final day, year, no abbreviations)

Example

LESKO, E.

Solo Recital, Heart Association, Lake Buena Vista, FL, January 14, 1984.

PRESENTATION AT A PROFESSIONAL MEETING

Authors....(last name, initials [if UCF faculty, name should be in caps])

Title of talk....(in quotation marks)

Occasion....(professional meeting at which the talk was presented)

City and state....(use two-letter abbreviations for state)

Month and year of meeting....(no abbreviations for month)

Example

METWALLI, S. M. "Improving Productivity by Modeling and Computer Tuning," Fourth National and First International Conference for Computers and Industrial Engineering, Orlando, FL, March 1982.

BOOKS AND MONOGRAPHS

COLLEGE OF ARTS AND SCIENCE

BIOLOGICAL SCIENCES

SWEET, H. C. Non-Majors Biology Laboratory Notebook (Minneapolis, MN: Burgess Publishing Co.) 1984, 129 pages.

FOREIGN LANGUAGES

FERNANDEZ, J. B. and Garcia, N. Que hay de Nuevo? (Boston, MA: D. C. Heath and Company) 1985, 216 pages.

PAYAS, A. La Sociedad Espanola en las NOVELLAS EJEMPLARES de Miguel de Cervantes Saavedra (San Jose, Costa Rica: Editorial EUNED) 1985, 121 pages.

HISTORY

EVANS, J. L. N.P. Ignatiev's Embassy to Rhiva and Bukhara, 1858 (Cambridge, MA: Oriental Research Partners) 1984, 150 pages.

SHOFNER, J. H. Orlando: The City Beautiful. (Tulsa, OK: Continental Heritage Press) 1984, 256 pages.

MATHEMATICS

ANDREWS, L. C. Special Functions for Engineers and Applied Mathematicians (New York, NY: Macmillian Book Company) 1985, 357 pages.

DEBNATH, L. Advances in Nonlinear Waves, Vol. I (Boston and London: Pitman Publishing Company) 1984, 328 pages.

PETTOFREZZO, A. J. Elements of Number Theory (Winter Park, FL: Orange Publishers) 1985, 244 pages.

SHIVAMOGGI, B. K. Theoretical Fluid Dynamics (Martinus Nijhoff) 1985, 429 pages.

PHYSICS

BOLEMON, J. S. Physics, An Introduction (Englewood Cliffs, NJ: Prentice-Hall, Inc.) 1985, 281 pages.

POLITICAL SCIENCE

BLEDSON, R. L., JOHNSON-FREESE, J. and SLAUGHTER, D. B. Legal Research Handbook: A Guide For Students and Laymen (Dubuque, IA: Kendall/Hunt) 1984, 185 pages.

JOHNSON-FREESE, J. The Arms Control Process: Time For A Reexamination (College Park, MD: World Academy of Development and Cooperation) 1984, 21 pages.

MADDOX, W. S. and LILIE, S. A. Beyond Liberal and Conservative: Reassessing the Political Spectrum (Washington, DC: Cato Institute) 1984, 203 pages.

MORALES, W. Q. La Geopolitica de la Politica Exterior de Bolivia (Santiago, de Chile: Centro de Estudios del la Realidad Contemporenea) 1984, 32 pages.

PUBLIC SERVICE ADMINISTRATION

BECKER, D. C. Security Administration: A Practical Systems Approach (Springfield, IL: Charles C. Thomas) 1985, 220 pages.

COLLEGE OF BUSINESS ADMINISTRATION

ACCOUNTING

CAMPBELL, T. L. and Hermanson, R. Doctoral Programs in Accounting (Homewood, IL: Business Publications, Inc.) 1984, 110 pages.

CAMPBELL, T. L. and Gleim, I. Managerial Accounting: Objective Questions and Explanations (Gainesville, FL: Accounting Publications, Inc.) 1984, 665 pages.

CAMPBELL, T. L., SAVAGE, L. J. and Narvaez, C. A Model for Preacquisition Audits of Financial Institutions (Altamonte Springs, FL: Institute of Internal Auditors) 1984, 110 pages.

CENTER FOR ECONOMIC EDUCATION

Keown, A. K., SCOTT, D. F., Martin, J. D. and Petty, J. W. Basic Financial Management (New York, NY: Prentice-Hall, Inc.) 1985, 808 pages. Also, Instructor's Manual (236 pages); Study Guide (354 pages); Transparencies (116 pages).

ECONOMICS

RUNGELING, B. and Marshall, R. Role of Unions in the American Economy (New York, NY: Joint Council on Economic Education) 1985, 172 pages.

MANAGEMENT

HOLLIS, M. High Tech Hits Home (New York, NY: Holt, Rhinehart and Winston) 1985, 207 pages.

MARKETING

DAVIS, D. L. and Cosenza, R. Business Research for Decision Making (Boston, MA: Kent Publishing Company) 1985, 561 pages. Also, Instructor's Manual (312 pages).

Guiltinan, J. P. and PAUL, G. W. Marketing Management: Strategies and Programs 2/E (New York, NY: McGraw-Hill Book Company) 1984, 444 pages. Also, Instructor's Manual (429 pages).

Guiltinan, J. P. and PAUL, G. W. Administracion De Mercadeo: Estrategias y Programas 2/E (Bogota, Colombia: McGraw-Hill Latino Americana, S.A.) 1984, 440 pages.

COLLEGE OF EDUCATION

EDUCATIONAL FOUNDATIONS

ESLER, W. K. and Esler, M. K. Teaching Elementary Science (Belmont, CA: Wadsworth Publishing Company) 1984, 540 pages.

INSTRUCTIONAL PROGRAMS

ANDERSON, B. B. "The Missing Ingredient" in A. Harris and E. Sipay, Readings on Reading Instruction (New York, NY: Longman Inc.) 1984, 383 pages.

CLARKE, W. and GREEN F. E. Contemporary Initiatives in Social Studies Education (Boca Raton, FL: Social Issues Resources, Inc.) 1985, 310 pages.

GREEN, F. E. Socialization in Early Childhood: Social Studies Resource Units for Gifted and Academically Talented Kindergarten (Tampa: Hillsborough County Schools) 1984, 40 pages.

THOMPSON, R. A. and Allen, I. Effective Reading Instruction (Springfield, IL: Charles C. Thomas Publishing Company) 1984, 181 pages.

COLLEGE OF ENGINEERING

COMPUTER ENGINEERING

BAUER, C. S. VHSIC Applications in Training Systems Ad Hoc Working Group, Simulation and Training Committee, National Security Industrial Association, Washington, D.C., December 1984, 29 pages.

BAUER, C. S. and Palermo, A. VAX Research System Handbook (1984), 102 pages.

SIMONS, F. O. Systems Engineering Fundamentals (Martin-Orlando-International Division, Orlando) (1984), 194 pages.

INDUSTRIAL ENGINEERING AND MANAGEMENT SYSTEMS

SCHRADER, G. F. Manufacturing Processes and Materials for Engineers 3rd Edition (Englewood Cliffs, NJ: Prentice-Hall) 1985, 926 pages.

MECHANICAL ENGINEERING AND AEROSPACE STUDIES

SMITH, W. F. Principles of Materials Science & Engineering (New York: McGraw-Hill Book Co.) 1986, 800 pages.

COLLEGE OF HEALTH

ACIERNO, L. J. Cardiac Rehabilitation and Prevention: A Model Program (Havertown, PA: Immergut and Siolek) 1985, 144 pages.

ARTICLES

**National or International Professional Journals
Peer-referred**

COLLEGE OF ARTS AND SCIENCES

ART

CHAVDA, J. J. "Sanskrit: The Ancient and Classical Language of the Hindus," CALTIS '85, 3, 37-38, (1985).

BIOLOGICAL SCIENCES

Clippinger, D. H. and OSBORNE, J. A. "Surgical Sterilization of Grass Carp, a Nice Idea," Aquatics, 6, 9-10, (1984).

Finkbohner, J. D., CUNNINGHAM, G. N. and KUHN, D. T. "Tissue Distribution of Malic Enzyme - NADP⁺ in D. melanogaster Imaginal Discs. Roux's Archives Developmental Biology, 194, 217-223, (1985).

Frazer, N. B. and EHRHART, L. M. "Preliminary Growth Models for Green (Chelonia mydas) and Loggerhead (Caretta caretta) Turtles in the Wild," Copeia, 73-79, (1985).

KUHN, D. T., Woods, D. F. and Andrew, D. J. "Mapping of tuh-3 Between pbx and fl in D. melanogaster," Drosophila Information Service, 60, 134-135, (1984).

MILLER, H. A. "Pacific Bryophytes: Psiloclada in Southern Melanesia," Phytologia, 57, 87-90, (1985).

MILLER, H. A. "Pacific Bryophytes: 2. Arachniopsis in Southern Melanesia," Phytologia, 57, 81-94, (1985).

OSBORNE, J. A. and Callahan, J. L. "Herbicides and Hybrids," Aquatics, 6, 20-22, (1984).

Richard, D. I., Small, J. W., Jr. and OSBORNE, J. A. "Phytoplankton Responses to Reduction and Elimination of Submersed Vegetation by Herbicides and Grass Carp in Four Florida Lakes," Aquatic Botany, 20, 307-319, (1984)

Schmitz, D. and OSBORNE, J. A. "Zooplankton Densities in a Hydrilla Infested Lake," Hydrobiologia, 111, 127-132, (1984).

SNELSON, F. F., JR. "Size and Morphological Variation in Males of the Sailfin Molly, Poecilia latipinna," Environmental Biology of Fishes, 13, 35-47, (1985).

SWEET, H. C. "The Use of Clustering Techniques by Students on an Apple Computer," American Biology Teacher, 47 (1), 41-47, (1985).

Wade, J. M., WHITE, R. S., MILLER, H. A. and VICKERS, D. H. "Phytochemical Differences Between a Zygocactus Hybrid Cultivar and its Parental Types," Phytologia, 57, 107-126, (1985).

WHITTIER, H. O. and Whittier, B. A. "Comparative Biogeography of Southern Polynesia," National Geographic Society Research Reports, 20, 871-882, (1985).

COMMUNICATION

- BUTLER, J. F. and Dziuban, C. D. "An Empirical Investigation of Mood Characteristics of Highly Apprehensive Persons," Psychological Reports, 56, 1008-1010, (1985).
- FEDLER, F. "An Equity Theory Explanation of Bystanders' Reactions to Shoplifting," Psychological Reports, 54, 746, (1984).
- Hodgson, S. and PRYOR, B. "Sex Discrimination in the Courtroom: Attorney's Gender and Credibility," Psychological Reports, 55, 483-486, (1984).
- PRYOR, B. and BUCHANAN, R. W. "The Effects of Defendant Nonverbal Behavior On Juror Perceptions of Credibility and Guilt," Journal of Communication, 34 (3), 92-99, (1984).
- SMITH, R. F. "How Consistently Do Readability Tests Measure the Difficulty of News Writing," Newspaper Research Journal, 5 (4), 1-8, (1984).

ENGLISH

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HISTORY

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- BRIGHAM, R. C. and DUTTON, R. D. "A Compilation of Relations Between Graph Invariants," Networks, 15, 73-107, (1985).
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- SHERWOOD, H. "Characterizing Dominates on a Family of Triangular Norms," Aequationes Mathematicae, 27 (3), 255-273, (1984).
- SHIVAMOGGI, B. K. "Relativistic Modulational Instability," Physical Review, A31, 1728, (1985).
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PHYSICS

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CHOWDHURY, A. R., Collins G. S. and Hohenemser, C. "Anomalous Critical Slowing Down of Spin Fluctuations in Gd, Observed with ¹⁶¹Dy Mossbauer Effect, Physics Review, B 30, 6277 (1984).

POLITICAL SCIENCE

HANDBERG, R. H. "Career Patterns of Sheriffs," The National Sheriff, 37, 24-26, (1985).

HANDBERG, R. H., Hill, H. F. and Daroszewski, A. F. "Measuring Police Performance for Political Accountability: The Law Enforcement Service Standard," Journal of Police Science and Administration, 13, 53-57, (1985).

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HANDBERG, R. H. and Hill, H. F. "Predicting the Judicial Performance of Presidential Appointments to the Supreme Court," Presidential Studies Quarterly, 14, 538-547, (1984).

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PSYCHOLOGY

BURROUGHS, W. "Visual Simulation Training of Baseball Batters," International Journal of Sport Psychology, 15, 117-126, (1984).

McGUIRE, J. M., Toal, P. and BLAU, B. I. "The Adult Client's Conception of Confidentiality in the Therapeutic Relationship," Professional Psychology, 16 (3), 375-384, (1984).

TURNAGE, J. J. and Muchinsky, P. M. "A Comparison of the Predictive Validity of Assessment Center Evaluations Versus Traditional Measures of Forecasting Supervisory Job Performance: Implication for Criterion Distortion in the Assessment Center Paradigm," Journal of Applied Psychology, 69, 595-602, (1984).

PUBLIC SERVICE ADMINISTRATION

LAWTHER, W. C. and Gromelski, R. A. "An Evaluation Model for Manpower Training Managers," Evaluation Review, 8 (6), 843-859, (1984).

SOCIOLOGY AND ANTHROPOLOGY

STEARMAN, A. M. "Terrenos de Comunidad Indigena Yoqui, 'Chimore,'" Boletin Del Campesino Indigena del Oriente Boliviano Ano 4, 17, 5-6, (1984).

STATISTICS

SCHOTT, J. R. "Optimal Bounds for the Distribution of Some Test Criteria for Tests of Dimensionality," Biometrika, 71, 561-567, (1984).

- SCHOTT, J. R. and Saw, J. G. "A Multivariate One-way Classification Model with Random Effects," Journal of Multivariate Analysis, 15, 1-2, (1984).
- SOMERVILLE, P. N. "A Multiple Range Subset Selection Procedure," Journal of Statistical Computation and Simulation, 19, 215-226, (1984).
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COLLEGE OF BUSINESS ADMINISTRATION

ACCOUNTING

- CAMPBELL, T. L. "Fringe Benefits in CPA Firms," The Practicing CPA, 6-7, (1984).
- JOHNSON, W. L. "Government Reporting of Budget Information," Journal of Accountancy, 159, 46-54, (1984).
- PHILLIPS, T. E. and Droege, M. "Maximizing Cash in Decentralized Organizations," Management Accounting, 38-42, (1984).
- PHILLIPS, T. E. and Rothermal G. M. "Practitioners: Take a Byte Out of Your Time," National Public Accountant, 20-22, (1985).
- WELKER, D. L. "Audit Implications of Supplementary Oil and Gas," Journal of Oil and Gas, 32 (2), 322-334, (1984).

CENTER FOR ECONOMIC EDUCATION

- SCOTT, D. F. and BERRY, W. "Strategic Planning and Corporate Growth," Business Forum, 10 (1), 10-15, (1985).
- SCOTT, D. F. and Kennedy, W. F. "An Analysis of Large Bank Dividend Policy," Review of Business and Economic Research, 20 (1), 28-38, (1984).
- SCOTT, D. F. and Pinkerton, J. M. "Assessing the Quality of Market to Book Value Ratios," Akron Business and Economic Review, 15 (4), 6-11, (1984).

DICK POPE, SR. INSTITUTE FOR TOURISM STUDIES

- Mathieu, M. and McCOOL, A. C. "ADA Takes Proactive Stance, Testifies on Older American Act Reauthorization," Journal of American Dietetic Association, 84 (7), 822, (1984).
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ECONOMICS

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- McHONE, W. W. "State Industrial Development Incentives and Employment Growth in Multistate SMSAs," Growth and Change, 15 (4), 8-15, (1985).

FINANCE

- ATKINSON, S. M. and Keuthan, C. "Retail Securities Firm's Investors Patronage Behavior," Akron Business and Economic Review, 15 (4), 36-41, (1984).
- ATKINSON, S. M. and MADURA, J. "International Stock Diversification for British Investors," The Investment Analyst, 73, 30-32, (1984).

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- GAUDNEK, W. One-Man Exhibition, Labyrinth NOMAZE, Installation, Grey Art Gallery and Study Center, New York University, May 20-June 21, 1985.
- LOTZ, S. Invitational Group Exhibition, "Orlando Opera Guild Showcase House," Winter Park, Florida, March 1984.

- LOTZ, S. Invitational Group Exhibition, "Works on paper by American Artists," Curacao Museum, Curacao, Antilles, May 15-June 1, 1984.
- LOTZ, S. Invitational Group Exhibition, "National Hawaiian Invitational Exhibition of Drawings and prints," University of Hawaii-Hilo, June 3-30, 1984.
- LOTZ, S. Invitational Group Exhibition, "22 Florida Artists," Foster Harmon Galleries of American Art, Sarasota, July 23-August 10, 1984.
- LOTZ, S. Invitational Group Exhibition, "Award Winning Art (3 man Exhibition)," Lock Haven Art Center, Orlando, Florida, August 23-September 23, 1984.
- LOTZ, S. One-Man Exhibition, "The Magic Garden: Recent Work by Steve Lotz," Daytona Beach Community College, October 15-November 8, 1984.
- LOTZ, S. Invitational Group Exhibition, "Retrospective: 11 with 11 for 11," Artist-in Education retrospective at Stetson University, Sampson Gallery, January 1-27, 1985.
- LOTZ, S. Invitational Group Exhibition, Hiram Williams and Six of His Students," University of Florida Teaching Gallery, Gainesville, Florida, February 10-March, 1985.
- LOTZ, S. "Invitational Group Exhibition, "Art in Architecture," Butler Bay, Windermere, March 1985.
- LOTZ, S. Invitational Group Exhibition, "The 1985 24 Carat Collection," March 1985.
- LOTZ, S. One-Man Exhibition, "Florida Dream and Associated Studies by Steve Lotz," American Pioneer Center III, Orlando, Florida, March 7, 1985.
- LOTZ, S. One-Man Exhibition, "Works by Steve Lotz," Brown Jordan Showroom, Miami, Florida, 1984-85.
- RIVERS, R. Loch Haven Member Show, Loch Haven Art Center, Junior: Hiram Williams, Orlando, Florida, June 1984. (Honorable Mention Award)
- RIVERS, R. One-Man Show of fifty etchings, Trophies, University of Central Florida, Fine Arts Building, 3rd floor gallery, August 20-September 26, 1984.
- RIVERS, R. The Boston Printmakers, 27th National Exhibition, Rose Art Museum, Brandeis University, Waltham, Massachusetts, January 27-March 3, 1985.
- RIVERS, R. 8th Annual Eastern United States Print and Drawing Exhibition, Spirit Square Arts Center, North Carolina, March 1-29, 1985.
- SKOGLUND, M. The making of a narrated videotape on the subject of Mayan Art and Architecture at the sites of Kabah, Uxmal, and Chichen Itza in Mexico. Also the making of a new survey of 250 slides on such sites as Kahah, Uxmal, Sayil, Labna, etc., Yucatan, Mexico.

WELLMAN, C. Group Exhibition, "Corners," Seminole Community College, Sanford, Florida, October, 1984.

WELLMAN, C. Travelling Exhibition, "Florida Document," originating at Daytona Beach Community College, Front St. Gallery, Wilmington, North Carolina, October 1984, Pensacola, Florida, December 1984, Florida Institute of Technology, Jensen Beach, Florida, January 1985, PACT Gallery, Clearwater, Florida, May 1985, Daytona Beach Community College, Daytona Beach, Florida, March-April 1985.

COMMUNICATION

HALL, J. "We're Cooking Now," Produced 50 original video programs as part of the nationally syndicated television series, "We're Cooking Now," Programs aired in over 50 markets nationwide.

JOHNSON, F. L. "The Nutcracker," Participated in this production, Bob Carr Performing Arts Center, played the part of the maid, December 7-9, 1984.

JOHNSON, F. L. Official Florida State Hostess to Lisa Valdez during The Miss Florida Pageant, Atlantic City, NJ, September 1984.

JOHNSON, F. L. "1985 Miss Florida Show," Producer and director of this show which went on tour throughout the Caribbean for the Department of Defense, Summer 1985.

JOHNSON, F. L. Produced and directed The Miss Florida Pageant, Bob Carr Performing Arts Center, Orlando, FL, June 22-28, 1984.

MUSIC

EUBANK, L. E.

University of Florida, Band Shell, Gainesville, FL, July 4th pops concert Orchestra, July 1, 1984.

Westinghouse, Orlando, FL, Board of Regents banquet, UCF Faculty Jazz Trio, September 13, 1984.

Starke Women's Club, Starke, FL, Santa Fe Community College Artist Series, UCF Faculty Jazz Trio, September 27, 1984.

Santa Fe Community College, Gainesville, Florida Artist Series, UCF Faculty Jazz Trio, September 28, 1984.

Knowles Chapel, Rollins College, Winter Park, FL, Florida chamber music concert, October 28, 1984.

Bob Carr Performing Arts Center, Orlando, FL, Florida Symphony Orchestra subscription concert with Aaron Rosand as violin soloist, November 2, 1984.

Peabody Auditorium, Daytona Beach, FL, Florida Symphony Orchestra subscription concert with Aaron Rosand as violin soloist, November 1, 1984.

Bob Carr Performing Arts Center, Orlando, FL, Florida Symphony Orchestra, Saturday Night concert Series with Aaron Rosand as violin soloist, November 3, 1984.

The Palace Hotel Awards Banquet, Lake Buena Vista, Kissimmee, FL, Mantovani Orchestra, November 8, 1984.

Walt Disney World, Kissimmee, FL, Christmas Candlelight Ceremony with Rock Hudson as narrator, Orchestra - 2 performances, December 8-9, 1984.
Trinity Baptist Church, Apopka, FL, Christmas music - 3 performances, December 14-16, 1984.
Bob Carr Performing Arts Center, Orlando, FL, Florida Symphony Orchestra subscription concert with cellist Nathaniel Rosn as soloist, December 20, 1984.
Bob Carr Performing Arts Center, Orlando, FL, Florida Symphony Orchestra, Saturday Night Concert Series with cellist Nathaniel Rosen as soloist, January 10, 1985.
Bob Carr Performing Arts Center, Orlando, FL, Florida Symphony Orchestra subscription concert with Wildes-Prather and Meneely as soloists, January 11, 1985.
Bob Carr Performing Arts Center, Orlando, FL, Florida Symphony Orchestra, Saturday Night Concert Series with Wildes-Prather and Meneely as soloists, January 12, 1985.
Bob Carr Performing Arts Center, Orlando, FL, Zev Bufman Broadway Musical "La Cage Aux Folles" - 8 performances, January 15-20, 1985.
Bob Carr Performing Arts Center, Orlando, FL, Florida Symphony Orchestra, subscription concert with violinist Joseph Pasquale as soloist, February 28, 1985.
Peabody Auditorium, Daytona Beach, FL, Florida Symphony Orchestra with violinist Joseph Pasquale as soloist, March 1, 1985.
Bob Carr Performing Arts Center, Orlando, FL, Florida Symphony Orchestra, Saturday Night Concert Series with violinist Joseph Pasquale as soloist, March 2, 1985.
Bob Carr Performing Arts Center, Orlando, FL, Zev Bufman Broadway Musical "Sugar Babies" with Mickey Rooney - 8 performances, March 5-10, 1985.
St. John's Lutheran Church, Winter Park, FL, chamber music, March 31, 1985.
String Workshop, Lake Sumter Community College, Leesburg, FL, September 9, 1985.

FARINA, A. C.

Concerts - Siena, Firenze, Pienza, Assisi, Arrezzo, Montisi, Fiesole, and Fucecchio (all in Italy); July 15 - August 21, 1984.
Concert - with Susan McQuinn, Cocoa Beach, FL, October 20, 1984.
Concert - with Susan McQuinn, Loch Haven Art Center, Orlando, FL, November 17, 1984.
Concert - with Eric Lesko, Rollins college, Winter Park, FL, December 22, 1984.

LESKO, E. S.

Concert - Valencia Community College, Orlando, FL, August 20, 1984.
Concert - Park Lake Presbyterian Church, Orlando, FL, November 18, 1984.
Concert - Westminster Towers, Orlando, FL, January 18, 1985.

OWENS, W. S.

Woodwind Quintet Recital - Daytona Beach Community College, Daytona Beach, FL, November 2, 1984.
Woodwind Quintet Recital - Brevard Community College, Cocoa, FL, November 9, 1984.
Woodwind Quintet Recital - Seminole Community College, Sanford, FL, November 12, 1984.
Clarinet Workshop - Melbourne, FL, January 28, 1985.

Clarinet Workshop - Titusville, FL, March 14, 1985.

Clarinet Workshop - Lakeland, FL, March 28, 1985.

PICKERING, R.

Series of performances (orchestral, opera, chamber music) - Brevard Music Center, Brevard, NC, June 24 - August 13, 1984. (Solo performance, July 19, 1984.)

Performances with brass choir (transcription by Roy Pickering), September 25, 1984; November 29, 1984; April 11, 1985.

Bass trombone soloist - performance at Daytona Beach Community College, Daytona Beach, FL, November 2, 1984.

Conductor - UCF Brass Choir, Redeemer Lutheran Church, Winter Park, FL, November 29, 1984.

Trombone soloist - "Trombone Christmas," Altamonte Mall, Altamonte Springs, FL, December 3, 1984.

Conductor - "Trombone Christmas," Altamonte Mall, Altamonte Springs, FL, November 29, 1984.

Brass performance - St. Mary Magdalene Church, Altamonte Springs, FL, January 22, 1985.

Conductor - Brass ensemble "Kaleidoscope III," Bob Carr Auditorium, Orlando, FL, March 3, 1985.

Performance - Designers' Show House (for Orlando Opera Guild), Lake Mary, FL, March 24, 1985.

Performance - (transcription by Roy Pickering), aired on WMFE-FM, March 29, 1985.

Brass choir performance - Park Lake Presbyterian Church, Orlando, FL, April 11, 1985.

RONEY, W. L.

Concert - Lock Haven Art Center, Orlando, FL, October 8, 1984.

Concert - Florida State University, Tallahassee, FL, October 15, 1984.

Concert - with Dr. J. Gary Wolf, Pianist, Florida State University, Tallahassee, FL, December, 1984.

Concert - with Dr. J. Gary Wolf, Pianist, Loch Haven Art Museum, Orlando, FL, December, 1984.

Concert - Daytona Beach Community College, Daytona Beach, FL, February 10, 1985.

Concert - Rollins College, Winter Park, FL, February 24, 1985.

Opera - Puccini's "Tosca" lead role, Jacksonville Opera, Jacksonville, FL, May 10-11, 1985.

WHITNEY, J. C.

Conductor - UCF Community Orchestra - 9 concerts - 7 off-campus. Conductor - UCF Jazz Lab - 16 concerts - 11 off-campus. Concert - Council of Arts and Sciences Arts Club, Orlando, FL, July 2, 1984.

Concert - with UCF Faculty Jazz Trio, Starke Women's Club, September 27, 1984.

Concert - with UCF Faculty Jazz Trio, Santa Fe Community College, Gainesville, FL, September 28, 1984.

Lecture/Recital - Santa Fe Community College, Gainesville, FL, September 29, 1984.

Concert - with String Quartet, Loch Haven Art Center, Orlando, FL, November 17, 1984.

Conductor, Polk County High School Orchestra, Lakeland, FL, March 7, 1985.

WOLF, J. G.

Solo Piano Recital - Friday Morning Musicale, Federated Music Club, Daytona Beach, FL, January 18, 1985.

Solo Recital - Morse Gallery, Winter Park, FL, February 4, 1985.

Trio Recital - Sabina Micarelli, James Higgins, Gary Wolf, Windermere, FL, February 14, 1985.

Solo Piano Recital - Valencia Community College, East Campus, Orlando, FL, February 24, 1985.

Solo performance at Delius Festival, Jacksonville University, Jacksonville, FL, March 7, 1985.

Solo Recital - Westminster Towers, Orlando, FL, April 19, 1985.

Guest artist with Ocala Festival Orchestra, Grieg Piano Concerto, Ocala, FL, April 28-29, 1985.

Solo Recital - Valencia Community College, Orlando, FL, Matinee Series, May 26, 1985.

Chamber Music Recitals - Music Clubs of America, Franklin Center for Performing Artists, Festival Concerts, Franklin, NC, August 1-5-9, 1985.

WRANCHER, E.

Concert - Grace United Methodist Church, Indianapolis, IN, July 29, 1984.

Concert - Howell Branch Baptist Church, Maitland, FL, August 5, 1984.

Concert - Tusawilla United Methodist Church, Winter Springs, FL, October 7, 1984.

Concert - Aloma United Methodist Church, Winter Park, FL, October 28, 1984.

Concert - Morse Art Gallery, Winter Park, FL, October 28, 1984.

Concert - San Lando Baptist Church, Altamonte Springs, FL, January 10, 1985.

Concert - North Park Baptist Church, Orlando, FL, January 10, 1985.

Concert - Wednesday Music Club, Winter Park, FL, February 13, 1985.

Concert - Pen Women's National Honor Society, Orlando, FL, May 14, 1985.

Concert - Grace United Methodist Church, Indianapolis, IN, May 12, 1985.

Concert - Indianapolis, IN, May 19, 1985.

Concert - Cedarville College, Cedarville, OH, May 23, 1985.

THEATRE

McKAY, M. L. Played the role of a nursing home attendant in Charles Eidsvik's film, The Tenth Summer, September 1984.

McKAY, M. L. and Head, F. Co-authored a play Into Each Life, Southeastern Theatre Conference play competition, finished in the top ten, March 1985.

McKAY, M. L. Directed the University Theatre's production of Dracula, October-November, 1984.

McKAY, M. L. Directed the University Theatre's production of The Mikado, April 1985.

McKAY, M. L. Directed the "Spare Change Players" repertory company in original adaptations of nursery rhymes for a children's performance at the annual UCF Threshold Run; and A Christmas Carol, December 1984.

McKAY, M. L. Directed a Mummer's Play, St. George and the Dragon, for the UCF Madrigal Dinner, December 1984.

McKAY, M. L. Directed and co-authored Home for the Holidays, a musical revue for the Gateway Restaurant, Orlando, Florida, December 1984.

COLLEGE OF EDUCATION

INSTRUCTIONAL PROGRAMS

PALMER, M. J. "Music Folder Act-Melody Match," Southern Division of Music Educators National Conference "Grab Lab" Publications, Mobile, AL, March 1985.

PRESENTATIONS

International or National Meetings

COLLEGE OF ARTS AND SCIENCES

BIOLOGICAL SCIENCES

- CHARBA, J. F. "Extracellular Violacein Production in a Bile-Clay Medium," 85th Annual Meeting of the American Society for Microbiology, Las Vegas, NV, March 1985.
- EHRHART, L. M. "Structure and Status of Loggerhead and Green Turtle Populations in the Central Region of the Indian River, Florida," American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles, Norman, OK, July 1984.
- KUHN, D. T., Packert, G. and Adkins, M. "Maternal Effect Associated with Interaction Between Ultraabdominal-1 and Tumorous-Head Mutations in D. melanogaster," Genetics Society of America, Vancouver, Canada, August 1984.
- OSBORNE, J. A. and Clippinger, D. "Feasibility of Using Surgically Sterilized Grass Carp for Weed control," 24th Annual Meeting of the Aquatic Plant Management Society, Richmond, VA, July 1984.
- SNELSON, F. F., JR. and Wetherington, J. D. "Interbrood Intervals in the Sailfin Molly, Poecilia latipinna," American Society of Ichthyologists and Herpetologists, Norman, OK, August 1984.
- SNELSON, F. F., JR., Wetherington, J. D. and Large, H. L. "Interbrood Intervals and Yolk Loading in the Sailfin Molly," American Society of Ichthyologists and Herpetologists, Knoxville, TN, June 1985.
- STOUT, I. J. and Swindell, C. E. "Habitat Selection of and Competition Among Small Mammals in Sand Pine Scrubs of Florida," 65th Annual Meeting of the American Society of Mammalogists, Orono, ME, June 1985.
- TAYLOR, W. K. and Kershner, M. A. "Bird Casualties at the Vehicle Assembly Building (VAB), Brevard County, Florida," Wilson Ornithological Society, Boulder, CO, June 1985.
- WODZINSKI, R. J., Scholla, M. H. and GENNARO, R. N. "Process Cost Analysis for Dairy Wastes Resource Recovery," 85th Annual Meeting of the American Society for Microbiology, Las Vegas, NV, March, 1985.
- Young, B. L. and STOUT, I. J. "Diets of Small Rodents in the Florida Sand Pine Scrub: Is Rodents' Food Limited?" Ecological Society of America, Fort Collins, CO, August 1984.

CHEMISTRY

- CLAUSEN, C. A. "Work Experience - Its Value and Methodologies for Incorporation into the Chemical Curriculum," Symposium on Cooperative Education and the Academic/Industrial Interface, at the American Chemical Society National Meeting, Miami Beach, FL, May 1985.

- GUPTON, J. "Recent Developments in the Fluoroalkoxylation of Activated Halobenzenes and Haloheterocycles," American Chemical Society Seventh Winter Fluorine Conference, Orlando, FL, February 1985.
- HAMPTON, M. D. "Crown Ether Based Ion Selective Membrane Electrodes," American Chemical Society 26th Rocky Mountain Conference, Denver, CO, August 1984.
- HAMPTON, M. D. "Crown Ether Based Ion Selective Membrane Electrodes," 1984 Federation of Analytical Chemistry and Spectroscopy Societies Meeting, Philadelphia, PA, September 1984.
- HERTEL, G. R. "Development of Micro/Mini-Computer Version of CHETAH: Status Report," American Society for Testing Materials - E27.07 Committee on Estimation Methods for Hazard Potentials of Chemicals, Philadelphia Meeting, Philadelphia, PA, September 1984.
- KUJAWA, F. "Aerial and Ground-level Panoramas of the Winter Park Sinkhole and Other Karst Features in Central Florida," American Society of Photogrammetry Meeting, Daytona Beach, FL October 1984.
- KUJAWA, F. "Karst Features of Peninsular Florida," First Multidisciplinary Conference on Sinkholes (Florida Sinkhole Research Institute sponsored), Gainesville, FL, October 1984.
- MCGEE, W. W. and Quinn, M. E. "Analytical Procedure for Measuring Levels of Organic Additives in Compounded, Uncured EPDM Rubber," 189th American Chemical Society National Meeting, Miami Beach, FL, April 1985.

COMMUNICATION

- BUCHANAN, R. W. "Is Legal Communication Research Valid?" Speech Communication Association of America Convention, Chicago, IL, November 1984.
- FEDLER, F., SMITH, R. and Counts, T. "Voter Use and Perceptions of Editorial Endorsements," Newspaper Division of American Editors and Journalists and Mass Communication, Athens, GA, March 1985.
- FEDLER, F. and SMITH, R. "Survey Reveals Journalism Administrators Prefer Traditional Types of Research," Newspaper Division of the A.E.J. and Mass Communication, University of Florida, Gainesville, FL, August 1984.
- TAYLOR, K. P. "The State of Communication Research, 1985," Speech Communication Association of America, Chicago, IL, November 1984.

COMPUTER SCIENCE

- BASSIOUNI, M. "Analysis of a Model for Program," The 5th International Conference on Mathematical Modeling, Berkely, CA, July 1985.
- DRISCOLL, J. R., LANG, S. D. and Bratman, S. "A Technique to Artificially Maintain Minimum B+Tree Height," 1985 International Conference on Very Large Data Bases, Stockholm, August 1985.

GUHA, R. K. "A Proposal and Some Issues Concerning the Use of Videomedia in the University Classroom," Educational Computer Conference, San Jose, CA, November 1985.

LANG, S. D., DRISCOLL, J. R. and Jou, J. H. "B-Tree Maintenance Efficiency Using Differential File and Batch Insertion Techniques," 1985 International Conference on Very Large Data Bases, Stockholm, August 1985.

WORKMAN, D. A., Arefi, F. and Dodani, M. "GRIP: A Formal Framework for Developing a Support Environment for Graphical Programming," Conference on Software Tools, New York, NY, April 1985.

ENGLISH

JAFFE, G. "Teaching Collaborative Technical Writing Assignments," 12th Annual Conference of The Council For Programs in Technical and Scientific Communication, Miami of Ohio, Oxford, OH, February 1985.

JONES, D. "The Challenges of Consensus Theory in Modern Rhetoric for Teaching Technical Writing," 12th Annual Conference of The Council For Programs in Technical and Scientific Communications, Miami of Ohio, Oxford, OH, February 1985.

JONES, D. "Teaching A Course In The Literature of Science," Penn State Conference on Rhetoric and Composition, University Park, PA, July 1984.

SCHIFFHORST, G. "The Ripeness Is All," Conference on Christianity and Literature, New Orleans, LA, October 1984.

FOREIGN LANGUAGES

BARSCH, K. H. "Flaubert: Trois Contes ou Trois Nouvelles?" 1984 National Convention of the American Association of Teachers of French, Chicago, IL, November 1984.

HISTORY

CREPEAU, R. C. "Philosophical, Historical, Cultural and Economic Aspects of Leisure Behavior," National Congress for Recreation and Parks, Orlando, FL, October 1984.

EVANS, J. L. "N. P. Ignatiev and the Treaty of Peking, 1860," Southern Conference on Slavic Studies, Richmond, October 1984.

FERNANDEZ, J. B. "The Colossus of the North and the Giant of the South: An Overview of U. S.-Argentine Relations," Ciclo de Conferencias de la Universidad Catolica Argentina, Buenos Aires, September 1984.

FERNANDEZ, J. B. "Presencia Hispanica en los Estados Unidos," Jornada Humanidades del Centro Medico de Mar del Plata," Mar del Plata, Argentina, October 1984.

FERNANDEZ, J. B. "Estados Unidos y Las Malvinas: La Falsedad de la Doctrine Monroe," Ciclo de Conferencias de la Escuela de Avacion Melitar, Cordoba, Argentina, November 1984.

FERNANDEZ, J. B. "Espejo de Paciencia: Primer Poema Epico de la Literatura Cubana," Third Annual Conference on Romance Languages and Literatures, Rollins College, Orlando, FL, March 1985.

FERNANDEZ, J. B. "Tragedia Cubana: La Insurreccion del Partido Independient de Color," Annual Meeting of the Southeastern Conference of Latin American Studies, Rollins College, Orlando, FL, April 1985.

FETSCHER, E. B. "The Zollverein: A Reevaluation," German Studies Association Annual Convention, Denver, CO, October 1984.

PAULEY, B. F. "Comic Relief: The Entertainment Factor in Nazi Propaganda," German Studies Association Annual Convention, Denver, CO, October 1984.

MATHEMATICS

Bhattacharyya, B. B. and RICHARDSON, G. D. "Parameter Estimation in Nonlinear Regression," American Mathematical Society, Anaheim, CA, January 1985.

DEBNATH, L. "Hydromagnetic Flow with Suspension of Particles in Rotating Fluid System," 91st Annual Meeting of the American Mathematical Society, Anaheim, CA, January 1985.

DEBNATH, L. "Water Wave Problems and Nonlinear Schrodinger Equation," Annual Symposium of Calcutta Mathematical Society, India, December 1984.

DEBNATH, L. "Nonlinear Waves in Non-Dissipating and Dissipating Media," Mathematics Department, Jadavpur University, India, December 1984.

Kent, D. C. and RICHARDSON, G. D. "A Compactification of Convergence Ordered Spaces," American Mathematical Society Meeting, Eugene, OR, August 1984.

MOHAPATRA, R. N. "On Approximation of Functions by Their Fourier Series," International Conference on Approximation Theory, St. Johns, Canada, August 1984.

MOHAPATRA, R. N. "On Some HPD Inequalities," Annual Meeting of the American Mathematical Society, Anaheim, CA, January 1985.

VAJRABEELU, K. "Convective Heat Transfer With Travelling Thermal Waves," American Mathematical Society, Anaheim, CA, January 1985.

POLITICAL SCIENCE

HANDBERG, R. H. "Deep in the Quicksands of Local Politics: Acquisition, Maintenance, and Loss of Office by County Sheriffs," Academy of Criminal Justice Sciences, Las Vegas, NV, April 1985.

JOHNSON-FREESE, J. "High Tech, High Cost: Reasons for Cooperation in Space?" International Space Policy Conference, Georgia Institute of Technology, May 1985.

JOHNSON-FREESE, J. "National Policy versus EC Policy: The Case of Nuclear Power," International Studies Association Annual Conference, Washington, DC, 1985.

- MORALES, W. Q. "Bolivia: Legacy of the Military," Latin American Studies Association, Albuquerque, NM, April 1985.
- POLLOCK, P. H. and Eismeier, T. J. "The Geopolitics of PACs," Midwest Political Science Association Annual Meeting, Chicago IL, April 1985.
- VITTES, E. "Value Trade-Offs and Productivity," American Political Science Association Annual Conference, Washington, DC, August 1984.
- VITTES, E. "Public Impact in a Public Utility," Midwest Political Science Association Annual Meeting, Chicago, IL, April 1985.
- VITTES, E. "An Inquiry Into Federal Environmental Regulation and the States," Southwestern Political Science Association Annual Convention, Houston, TX, March 1985.

PSYCHOLOGY

- Brooks, K., BLAU, B. I, and MCGUIRE, J. M. "The Expression of Anger as a Function of Self-Esteem," American Psychological Annual Meeting, March 1985.
- SMITH, J. "Women in Management: A Review of Empirical Literature," American Psychological Association, Los Angeles, CA, August 1985.
- TUCKER, R. D. "A Survey of Terminal Masters Programs Within SEPA," Association of Heads of Departments of Psychology/SEPA, Atlanta, GA, December 1984.
- TUCKER, R. D. "Graduate Education in Psychology: Issues At The Masters Level," Council of Graduate Departments of Psychology, Washington, DC, February 1985.

PUBLIC SERVICE ADMINISTRATION

- LAWTHER, W. C. "Content Validation: Conceptual and Methodological Issues," Annual Meeting of the American Society for Public Administration, Indianapolis, IN, March 1985.
- HOLTEN, N. G. "Florida's Sentencing Guidelines," Academy of Criminal Justice Sciences, Las Vegas, NV, April 1985.

SOCIAL WORK

- KAZMERSKI, K. J. "Facing Sexist Realities: Educational Strategies for Leadership," Annual Program Meeting, Council on Social Work Education, Washington, DC, February 1985.
- TROPF, W. D. "Factors Affecting Satisfaction With Postdivorce Fathering," The Future of Parenting Conference, Chicago, IL, March 1985.

SOCIOLOGY AND ANTHROPOLOGY

- BROWN, W. R. "An Assessment of Teaching Applied Sociology," 79th Annual Meeting of the American Sociological Association, San Antonio, TX, August 1984.
- BROWN, W. R. "Identification of Non-Research Competencies to Prepare Sociology Majors for Non-Academic Careers," 2nd Annual Conference for the Society of Applied Sociology, Northern Kentucky University, Highland Heights, KY, October 1984.
- CHASE, A. F. "Organizational Aspects of Classic Period Santa Rita Corozal, Belize," 83rd Annual Meeting of the American Anthropological Association, Denver, CO, November 1984.
- CHASE, A. F. "From the Outside Looking In: Peten Perspectives on Belize," 50th Annual Meeting of the Society for American Archaeology, Denver, CO, May 1985.
- CHASE, D. Z. "Postclassic Lowland Maya Organization at Santa Rita Corozal, Belize" 83rd Annual Meeting of the American Anthropological Association, Denver, CO, November 1984.
- CHASE, D. Z. "On the Frontier of the New Empire: Protohistoric Santa Rita Corozal in Perspective," 50th Annual Meeting of the Society for American Archaeology, Denver, CO, May 1985.
- STEARMAN, A. M. "Forty Years After Holmberg: The Siriono Revisited," American Anthropological Association, Denver, CO, November 1984.
- STEARMAN, A. M. "The Impact of the Peace Corps on Anthropology as a Career," Society for Applied Anthropology, Washington, DC, March 1985.
- UNKOVIC, C. M. "Youth and Alcoholism: An International Analysis," International Conference on Alcoholism and Other Drug Dependency, Rio de Janeiro, Brazil, August 1984.
- UNKOVIC, C. M., Cassady, J., Jr. and Burns, F. "The Mental Health Cell: An Issue of Forensic Psychology," 30th Annual Conference on Corrections, FSU, Tallahassee, FL, February 1985.
- UNKOVIC, C. M. "The Family and the School: Friend or Foe?" Prevention of Alcoholism and Drug Dependency National Conference, Orlando, FL, February 1985.
- WALLACE, R. L. "Protohominid Cognitive Mapping and the Emotionalization of Thought," American Anthropological Association Annual Meeting, Denver, CO, November 1984.
- WALLACE, R. L. "The Reversible Mind: Juvenile Delinquency in Prehistory," (in absentia), Meeting of the Academy of Criminal Justice Sciences, Las Vegas, NV, April 1985.

STATISTICS

FRANKLIN, L. A. "A Comparison of Undergraduate Statistics Curriculums," ENAR Spring Meeting of the Biometrics Society, North Carolina State University, Raleigh, NC, March 1985.

SOMERVILLE, P. N. "Subset Selection - Not Multiple Comparisons," Annual Meeting of the SAS Users Group, Reno, NV, March 1985.

COLLEGE OF BUSINESS ADMINISTRATION

ACCOUNTING

CAMPBELL, T. L., McCARTNEY, W. and TAYLOR, D. M. "Job Satisfaction of Academic Accountants," Toronto, Canada, August 1984.

DICK POPE, SR. INSTITUTE FOR TOURISM STUDIES

DelaGarza, J. A. and McCOOL, A. C. "Effect of Rater Training on the Occurrence of Psychometric Errors in Employee Performance Evaluations," The American Dietetic Association, Washington, D.C., October 1984.

Garand, M. M. and McCOOL, A. C. "Incorporation of Computer Technology into Institutional Food Service Operations," The American Dietetic Association, Washington, D. C., October 1984.

McCOOL, A. C. "Overcoming Obstacles to Optimal Gerontological Nutrition Services," The American Dietetic Association, Washington, D. C., October 1984.

ECONOMICS

FRITZ, R. G. "Dynamic Model of Regional Tourism Site Development," The Fifth International Symposium on Forecasting, Montreal, Canada, June 1985.

FRITZ, R. G. and Haulman C. "Methodological Implications from the Linguistic Structure of the Marginal Revolution," History of Political Economics Society, Washington, D.C., May 1985.

RAFFA, F. A. and RUNGELING, B. "Florida's JTPA Experience," 37th Industrial Relations Research Association Meetings, Dallas, Texas, December 1984.

FINANCE

DE WITT, R. P. and MADURA, J. "How Banks Assess Country Risk: A Survey," The International Business Meeting, Chicago, IL, March 1985.

GRAHAM, S. S. "Hedging Operating Risks with Pension Assets," Financial Management Association Annual Meeting, Toronto, Canada, October 1984.

MADURA, J. "A Hedge Strategy for International Stock Portfolios," The Southwestern Finance Meeting, New Orleans, LA, March 1985.

MANAGEMENT

- CALLARMAN, W. "Understanding and Being Understood," Subway Shop National Convention, Las Vegas, NV, July 1985.
- CALLARMAN, W. "Effective Leadership Styles," Subway Shop National Convention, Las Vegas, NV, July 1985.
- CALLARMAN, W. "Stress Management," Department of Labor Appeals Referees Development Program, Orlando, FL, July 1985.
- CALLARMAN, W. "Managing Time," Florida Tumor Association, West Palm Beach, FL, August 1985.
- CALLARMAN, W. "Success," Statewide Civitan Meeting, Orlando, FL, September 1985.
- CALLARMAN, W. "Managing Time," Florida Health Institutional Food Society, Miami, FL, September 1985.
- CALLARMAN, W. "Time Management," State Meeting of Florida Chapter of the National Accounting Association, Orlando, FL, October 1985.
- CALLARMAN, W. "Office and Time Management," National Hypertension Convention, Orlando, FL, February 1985.
- CALLARMAN, W. "Time Management," National Conference of Engineering College Deans, Orlando, FL, March 1985.
- HOLLIS, M. "Deterministic Simulations Substituted for Closed Form Solution Techniques," Operations Research Society of America/The Institute of Management Science 1985 National Meeting, Boston, MA, 1985.
- HOLLIS, M. "'What Iffing' May Not Be 'What It Is' or 'Where It's At,'" Operations Research Society of America/The Institute of Management Science 1985 National Meeting, Boston, MA, 1985.
- MARTIN, R. "Management Productivity Manufacturing Functional Area Interfaces," Mid-Florida Chapter of American Production and Inventory Control Society, September 1984.
- MARTIN, R. "Management Productivity - Manufacturing/Procurement Integration," Space Coast Chapter National Association of Purchasing Agents, January 1985.
- STEVENS, G. E. "Testing and Test Issues," National Conference of the American Society for Personnel Administration, Phoenix, AZ, June 1985.

MARKETING

- JOYCE, M. L. "Understanding the Decision Making Process Involving Organ Donation," Association of Consumer Research Health Care Conference, Park City, UT, April 1985.

- JOYCE, M. L. "Introducing the HLTV-III Test: Endangering the Blood Supply," Policy Meeting on AIDS, Ethics and the Blood Supply, American Blood Commission, Washington, D.C., January 1985.
- JOYCE, M. L. "Marketing Audit Summary (Recommendations for the United Blood Services)" American Red Cross Management Meetings. Louisville, KY, February 1985.
- MORRIS, M. H. "Product Innovation and the Strategic Impact of Marketing Concepts," 1984 Annual Meetings, American Marketing Association, Chicago, IL, August 1984.
- MORRIS, M. H. "A Model of Coalition Formation in the Industrial Buying Center," 1984 Annual Meetings, American Marketing Association, Chicago, IL, August 1984.
- MORRIS, M. H. "Social Exchange: The Regression Analog," Society for General Systems Research, Los Angeles, CA, May 1985.
- RUBIN, R. S. "Using the Microcomputer to Teach Marketing Research Data Analysis Skills," American Marketing Association Meeting on Microcomputers in Marketing Education, Louisiana State University, Baton Rouge, LA, October 1984.

COLLEGE OF EDUCATION

EDUCATIONAL FOUNDATIONS

- BARR-JOHNSON, V. "Unified Vs. Non-Unified State/National Memberships," State Assembly, National Art Education, Association Conference, Dallas, TX, April 1985.
- HIETT, S. L. "Learning as Leisure: In Search of Classic Ideal," Transitions to Leisure: The Impact of Work, Play, Retirement, and Technology, National Conference, Tampa, FL, February 1985.
- KYSILKA, M. L. "The Curriculum of the Future," World Future Society, Washington, DC, June 1984.
- KYSILKA, M. L. "A New Look at Curriculum: The Future is Now," Association for Supervision and Curriculum Development, Chicago, IL, March 1985.
- LANGE, R. R. "Evaluation Design for Assessing Change in Higher Education," American Educational Research Association Annual Meeting, New Orleans, LA, April 1984.
- MANNING, P. C. "China--A Model for an Exalted Education System," Association for Supervision and Curriculum Development, Chicago, IL, March 1985.
- OLSON, A. H. "Semi Random Thoughts About Merit Pay," Association of Teacher Education Annual Convention, New Orleans, LA, 1984.
- SCIORTINO, P. T. "Colleague Supervision Using Contracts," Association for Supervision and Curriculum Development, Chicago, IL, March 1985.

SCIORTINO, P. T. "Stress Reduction Using Meditation," Association for Humanistic Education, Atlanta, GA, May 1985.

EDUCATIONAL SERVICES

BOLLET, R. M. "High Tech/High Touch: A Marriage Which Must Succeed," European Branch of the American Association for Counseling and Development, Bad Kissingen, West Germany, October 1984.

CORNELL, R. A. "A Call for Re-Emphasis: The Use of Leisure Time on Long-Duration Spaceflight," International Astronautical Federation Annual Congress, Humanities Section, Lausanne, Switzerland, October 1984.

CORNELL, R. A. "The Use of AECT Postsecondary Standards for College and University Resources Programs," Association for Educational Communications and Technology Convention, Anaheim, CA, January 1985.

CORNELL, R. A. "Use of the International Film as Documentary," Association For Educational Communications and Technology Convention, International Film Festival, Anaheim, CA, January 1985.

CROCITTO, J. A. and MAROWITZ, R. L. "Existential Counseling: A Live Demonstration," American Association for Counseling and Development National Convention, New York, NY, April 1985.

MEALOR, D. J. "Stability of Selected WISC-R Subtest Patterns for SLD Students: A Profile Analysis," American Psychological Association, Toronto, Canada, August 1984.

MEALOR, D. J. "Cognitive Preference and Test Specificity for Selected Minority Students," National Association of School Psychologists, Las Vegas, NV., April 1985.

MIDGETT, J. and BELL, M. S. "Two Sides of the Coin," Teacher's Division National Conference, Las Vegas, NV, November 1984.

ORWIG, G. W. and Matheny S. "The 'Help' Button - A Human Interface," SALT Conference, Orlando, FL, February 1985.

ROTHBERG, R. A. "Helping Teachers Get Better: Staff Development Projects that Work," National Council of States on In-Service Education, Orlando, FL, November 1984.

INSTRUCTIONAL PROGRAMS

FARDIG, G. E. "Assessment of Professional Teacher Performance," National Colloquium on Teacher Education, Washington, DC, April 1985.

GREEN, F. E. "Social Studies for the Gifted," Rocky Mountains National Council for Social Studies Meeting, Phoenix, AZ, April 1984.

GREEN, F. E. "Geographic Concepts and Skills as Basic Competencies for Teachers in Training: A Research Report," Rocky Mountains National Council for Social Studies Meeting, Phoenix, AZ, April 1984.

- HOPKINS, M. H. "Using LOGO to Diagnose Problem-Solving Skills," Austin TX, April 1985.
- HUDSON, L. R. "Interactive Audio-Telecommunications: A Cooperative Community Venture," Teleconferencing and Interactive Media 6th Annual Conference, Madison, WI, May 1985.
- HYNES, M. C. "How to Score 700 on the SAT," National Council for Teachers of Mathematics Annual Meeting, San Francisco, CA, April 1985.
- JOELS, A.R. "Publication Policies and Logistics," Annual International Reading Conference, New Orleans, LA, May 1985.
- MCCAIN, K. W. "An Analysis of the Postdictability of Surprise Story Endings," National Reading Conference Annual Meeting, St. Petersburg, FL, November 1984.

COLLEGE OF ENGINEERING

CIVIL ENGINEERING AND ENVIRONMENTAL SCIENCES

- COOPER, C. D. and Manderson, M. C. "World Sulphur Supply/Demand Overview - to the Early 1990s," SULPHUR-84 Conference, Calgary, Alberta, Canada, June 1984.
- COOPER, C. D., DIETZ, J. D., Flint, M. J. and Todd, M. R. "Water Quality Characterization of an Eastern Coal Slurry," Tenth International Technical Conference on Slurry Technology, Lake Tahoe, NV, March 1985.
- DIETZ, J. D. and Keinath, T. M. "Dynamic Response of Final Clarifiers," Twelfth Biennial International Conference on Water Pollution Control, International Association of Water Pollution Resources Conference, Amsterdam, The Netherlands, September 1984.
- DIETZ, J. D. "Evaluation of Emerging Technologies: AES/EPA Research Project 63," Sixth American Engineering Society/Environmental Protection Association Conference and Exhibit on Pollution Control for the Metal Finishing Industry, Kissimmee, FL, January 1985.
- HARPER, H. H., YOUSEF, Y. A., WANIELISTA, M. P. "Efficiency of Roadside Swales in Removing Heavy Metals from Highway Associated Nonpoint Source Runoff," Twentieth Annual American Water Resources Association Symposium on "Options for Reaching Water Quality Goals," Washington, D.C., August 1984.
- HARPER, H. H., WANIELISTA, M. P., Livingston, E. "Sediment Nutrient Exchange and Algal Productivity in Megginnis Arm of Lake Jackson," International Symposium on Lake and Reservoir Management, McAfee, NJ, October 1984.
- LEFTWICH, D. S. "Multipurpose Traffic Assignment Using Volume Restraint and Link Restraint for Application in Small Urban Area," Transportation Research Board Conference, Washington, D.C., January 1983.

- PALMER, C. N. and Gandy, W. "Enhancement of Lake Lawsons in Orlando, Florida Using Alum Treatment," American Society of Civil Engineers Symposium, Fort Lauderdale, FL, September 1984.
- PALMER, C. N. "Enhancement of Urban Lake Using Alum and Aquashade Treatment," American Water Resources Association, Winter Park, FL, January 1985.
- PALMER, C. N. "Lake Enhancement in Orlando, Florida," Florida Association for Water Quality Control, Daytona Beach, FL, May 1985.
- RODRIGUEZ-RAMOS, W. E. "More Construction Site Layout Cost Reduction," XVIII Universal Pan American International Directorate, Pan American Federation of Engineering Societies, Caracas, Venezuela, October 1984.
- RODRIGUEZ-RAMOS, W. E. and BAUER, C. S. "The Computer-Aided-Design Laboratories at the University of Central Florida," National Conference on University Programs in Computer Aided Engineering, Design and Manufacturing, Lehigh University, Bethlehem, PA, August 1984.
- RODRIGUEZ-RAMOS, W. E. "Microcomputers for Construction Education," XI Pan American Congress of Engineering Education, Universal Pan American International Directorate 84, Caracas, Venezuela, October 1984.
- WANIELISTA, M. P. "Stormwater Management for Pollutant Control," Welch Water Authority, Brecon Beacons, Wales, July 1984.
- WANIELISTA, M. P. and Livingston, E. "Lake Management Using Stormwater Management Developed with Public Inputs," North American Lake Management Society, McAfee, NJ, October 1984.
- WANIELISTA, M. P. "Urban Issues-Stormwater-Discussion Leader," Perspectives on Nonpoint Source Pollution-A National Conference, Kansas City, MO, May 1985.
- YOUSEF, Y. A., Hvited-Jacobsen, T., WANIELISTA, M. P. "Nutrient Interactions in Retention/Detention Ponds Receiving Highway Runoff," presented at the 57th Annual Conference of the Water Pollution Control Federation, New Orleans, LA, October 1984.

COMPUTER ENGINEERING

- BAUER, C. S. and RODRIGUEZ-RAMOS, W. "The Computer-Aided Design Laboratories at the University of Central Florida," Poster Session Presentation, National CAEDM Conference, Lehigh University, August 1984.
- BAUER, C. S. "A Simulation Center of Excellence...", Seventh Annual Conference on Computers and Industrial Engineering, Orlando, Florida, March 1985.
- BAUER, C. S. "Conceptualizing a Center of Excellence For Simulation in Training," Society For Computer Simulation Eastern Simulation Conference, Norfolk, VA, March 1985.

- KLEE, H. I. "Interactive Simulation of Continuous Dynamic Systems Using TUTSIM," Seventh International Conference of Computers in Industrial Engineering, Orlando, Florida, March 1985.
- LINTON, D. G., SMITH, L. L. and WHITEHOUSE, G. E. "Teaching and Using SLAM--Lessons in Learning," 1985 Eastern Simulation Conference, Omni International Hotel, Norfolk, VA, March 1985.
- LINTON, D. G., SAMMER, F. J., Lorenz, N. and Tilley, R. "An Analysis of Space Station Mission Processing Requirements Using SLAM 11," Seventh Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.
- SIMONS, F. O. and HARDEN, R. C. "An Automated HP-41 Root Finding Program Based on Optimized Algorithms," 92nd Annual American Society for Engineering Education Conference, Salt Lake City, UT, June 1984.
- SIMONS, F. O. and HARDEN, R. C. "The "Lost Delay" in Digital Control Systems Design," 17th Annual Southeastern Symposium on System Theory, Auburn, AL, March 1985.
- SIMONS, F. O. and HARDEN, R. C. "There is an Unrecognized Problem Associated with the Solution of Linear Shift-Invariant Dynamic Differential Equation Models," 16th Annual Pittsburgh Conference on Modeling and Simulation, Columbus, OH, April 1985.

ELECTRICAL ENGINEERING AND COMMUNICATIONS SCIENCES

- BELKERDID, M. A., MALOCHA, D. C., PETRASKO, B. E, and RICHIE, S. M. "AWQPSK: An Optimum Modulation Technique," 1984 International Sonics and Ultrasonics Symposium, Dallas, TX, November 1984.
- BISHOP, C. D. and MALOCHA, D. C. "Non-Iterative Design of SAW Bandpass Filters, 1984 International Sonics and Ultrasonics Symposium, Dallas, TX, November 1984.
- BOREMAN, G. and Dereniak, E. L. "MTF Measurement via Laser Speckle Technique," Society of Photo-Optical Instrumentation Engineers, San Diego, August 1984.
- MARTIN, R. J. "A Sensitive Amplifier for Detecting Eye Motion," Circuits and Systems Symposium at University of West Virginia, Morgantown, WV, June 1984.
- MILLER, R. N., Boldon, J. L. and Ray, K. B. "A Computer Managed and Operated Grove Care System," Agri-Mation I Conference, Chicago, IL, February 1985.
- PHILLIPS, R. L., ANDREWS, L. C., BECK, J. K., Bunke, S. and Bruce, D. "Measurements of C^2 Using Simultaneous Meteorological and Optical Experiments," Symposium on the Physics of Directed Energy Propagation in the Atmosphere, White Sands, NM, March 1985.
- PHILLIPS, R. L. and ANDREWS, L. C. "The I-K Distribution as a New Model for Intensity Fluctuations and Its Relationship to the K Distribution,"

Symposium on Physics of Directed Energy Propagation in the Atmosphere,
White Sands, NM, March 1985.

INDUSTRIAL ENGINEERING AND MANAGEMENT SYSTEMS

- BABU, A. J. G. "Promotion-Location Problems," International Conference on Robotics and Factories of the Future, Charlotte, NC, December 1984.
- BIEGEL, J. E. "Artificial Intelligence and Robotics--Our Experiences," 7th Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.
- BIEGEL, J. E. "A Robotic Vision System," 7th Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.
- BIEGEL, J. E. "Robotics: Present and Future--A Tutorial," Computers/Graphics in the Building Process Conference, Washington, DC, October 1984.
- BIEGEL, J. E. "Industrialized Building and Robotics," Computers/Graphics in the Building Process Conference, Washington, DC, October 1984.
- BROOKS, G. H. "Dynamic Data Structures--Are They Worth the Effort?" 7th Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.
- DOERING, R. D. "Computer Program for Central Florida Crimeline Program," 7th Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.
- HOSNI, Y. A. "Introducing Arabic Language to the Micros--Industrial Applications," 7th Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.
- MORSE, L. "Spreadsheets and the Microcomputer--A Tutorial," 7th Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.
- SEPULVEDA, J. A. "A Model for Determining the Impact of Management Divisions Under Prospective Payment," 18th Operations Research Society of America/The Institute of Management Science National Meeting, Dallas, TX, November 1984.
- SEPULVEDA, J. A. "Microcomputer Data Base Application in Industrial Engineering: A Case Study," 7th Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.
- SEPULVEDA, J. A. "Spreadsheet Implication of Offender Demographic Database Program for Orange County Court Alternatives Department," 7th Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.
- SEPULVEDA, J. A. "Evaluating the Impact of Diagnostic Related Groups Through a Computer Simulation Approach," 7th Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.

- SEPULVEDA, J. A. "Pressure Sores Patients Profile," 1985 Annual Conference of the American Spinal Injury Association, Atlanta, GA, April 1985.
- SMITH, L. L. "The Distributed Intelligence System and Aircraft Pilotage," Society of Computer Simulation, Norfolk, VA, March 1985.
- SMITH, L. L. "Computer-Based Parts Return/Warranty Replacement Management System," 7th Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.
- SMITH, L. L. "Can Engineering Problem Solutions Be Machine Graded?" 7th Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.
- WHITEHOUSE, G. E. "Project Scheduling for the Space Station," 7th Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.
- WHITEHOUSE, G. E. "IEs and Micros," Annual Methods, Time and Measurement Conference, Orlando, FL, October 1984.
- WHITEHOUSE, G. E. et al. "Teaching Using SLAM Lessons in Learning," Society of Computer Simulation, Norfolk, VA, March 1985.
- WHITEHOUSE, G. E. "Spreadsheets and the Industrial Engineer - A Tutorial," Institute for Industrial Engineering Fall Conference, Atlanta, GA, October 1984.

MECHANICAL ENGINEERING AND AEROSPACE STUDIES

- ANDERSON, L. A. and HENRY, R. L. "A Study of Alternate Power Sources for Wheelchairs with Implications for Rural Rehabilitation Applications," International Conference on Rural Rehabilitation Technologies, University of North Dakota, Grand Forks, ND, October 1984.
- MINARDI, A. and BISHOP, P. J. "LOAD: Computer Simulation for Thermal Design," 1984 American Society of Electrical Engineers Conference, Salt Lake City, UT, June 1984.
- MOSLEHY, F. A. and Hashem, M. "Vibration Reduction in Machinery," 1985 Southeastern Seminar on Photomechanics, Auburn University, AL, March 1985.
- NUCKOLLS, C. E. "Aircraft Structure Crash Simulation by Use of Program KRASH," Structural Impact and Crashworthiness Conference, London, England, July 1984.
- Wayne, S. F., Massicotte, F. P. and RICE, S. L. "Metallography Applied to The Study of Impact-Sliding Wear," 17th International Metallographic Society Annual Meeting, Philadelphia, PA, July 1984.
- Wayne, S. F., Nowotny, H. and RICE, S. L. "Impact Wear of Iron-Rich Super-alloys," 5th International Conference on Wear of Materials, Vancouver, British Columbia, April 1985.

COLLEGE OF HEALTH

COMMUNICATIVE DISORDERS

MULLIN, T. A. and UTT, H. J. "The Effects of Hearing Aid Use on Communicative Ability and Attitude," International Congress of Audiology, Santa Barbara, CA, September 1984.

MEDICAL TECHNOLOGY

HEINSOHN, B. F. and Graham, E. M. "Medical Technologists in Africa," International Association of Medical Laboratory Technologists, Perth, Australia, July 1984.

HEINSOHN, B. F. "Teaching Clinical Parasitology," International Association of Medical Laboratory Technologists, Perth, Australia, July 1984.

SWEENEY, M. J. "Immunology of the Allergic State," 18th Annual Congress: The American Association for Clinical Immunology and Allergy, New Orleans, LA, December 1984.

RADIOLOGIC SCIENCES

EDWARDS III, T. J. "An Approach to Quality Assurance for Small Radiologic Facilities," Annual Meeting, American Society of Radiologic Technologists, Reno, NV, June 1984.

EDWARDS III, T. J. "A Systems Approach to Teaching Quality Assurance," Annual Meeting, American Society of Radiologic Technologists, Reno, NV, June 1984.

MAYNARD, P. R. "Diagnostic Imaging Workshop" Annual Meeting, American Society of Radiologic Technologists, Reno, NV, June 1984.

FLORIDA SOLAR ENERGY CENTER

CROMER, C. J. "Effect of Circulation Control Strategies on the Performance of Open Loop Solar DHW Systems," Joint American Society of Mechanical Engineers/American Solar Energy Society Solar Energy Conference, Knoxville, TN, March 1985.

FAIREY, P. W. and KERESTECIOGLU, A. "Dynamic Modelling of Combined Thermal and Moisture Transport in Buildings: Effect on Cooling Loads and Space Conditions," American Society of Heating, Refrigerating and Air-Conditioning Engineers, Technical Conference, Honolulu, HI, June 1985.

GIRGIS, M. A. and EL-SHAMY, M. "Simulation of a 10MW Heat Exchanger for Open Cycle Ocean Thermal Energy Conversion Using FORTRAN and BASIC Languages," First National Conference on Microcomputer Applications for Conservation and Renewable Energy, Tucson, AZ, February 1985.

GIRGIS, M. A. "Thermal Performance of Three SERES Prototypes," Joint American Society of Mechanical Engineers/American Solar Energy Society Solar Energy Conference, Knoxville, TN, March 1985.

- HANCOCK, O. G. "A Photovoltaic-Powered Water Electrolyzer: Its Performance and Economics," Fifth World Hydrogen Energy Conference, Toronto, Canada, July 1984.
- HEALEY, H. M. and Gray, B. L. "Development of a Photovoltaic Tracking Test Facility," Joint American Society of Mechanical Engineers/American Solar Energy Society Solar Energy Conference, Knoxville, TN, March 1985.
- HEALEY, H. M. "Solar Energy Feasibility Study: Low-Head High Volume Water Pumping," Twenty-Second Space Congress, Cocoa Beach, FL, April 1985.
- KHATTAR, M. K. "Analysis of Air-Reheat Systems and Application of Heat Pipes for Increased Dehumidification," International Symposium on Moisture and Humidity, Washington, D. C., April 1985.
- KHATTAR, M. K., Ramanan, N. and Swami, M. S. "Fan Cycling Effects on Air Conditioner Moisture Removal Performance in Warm, Humid Climates," International Symposium on Moisture and Humidity, Washington, D. C., April 1985.
- LAHART, D. E. "Solar in the Science Curriculum," National Science Teachers Association Meeting, Boston, MA, April 1985.
- LAHART, D. E. "Using Energy Education Materials in the Classroom," National Science Teachers Association Meeting, Boston, MA, April 1985.
- MCCLUNEY, W. R. and Sater, R. "AESOP, an Exterior Window Shade Design Program," Ninth National Passive Solar Conference, Columbus, OH, September 1984.
- MCCLUNEY, W. R. and CHANDRA, S. "Comparison of Window Shading Strategies for Heat Gain Prevention," Ninth National Passive Solar Conference, Columbus, OH, September 1984.
- MELODY, I. "Program Activities: Florida Solar Energy Center," Twenty-Second Space Congress, Cocoa Beach, FL, April 1985.
- VIEIRA, R., CHANDRA, S. and FAIREY, P. W. "Residential Cooling Loads in Hot, Humid Climates," Ninth National Passive Solar Conference, Columbus, OH, September 1984.
- WEDEKIND, D. "Photovoltaic Array Thermal Characteristics and Optimization; Preliminary Results Based on Prevailing Southeasterly Winds," Joint American Society of Mechanical Engineers/American Solar Energy Society Solar Energy Conference, Knoxville, TN, March 1985.

STUDENT AFFAIRS

- HARMAN, R. L. "Case Presenter," Seventh Annual Conference on the Theory and Practice of Gestalt Therapy, Cape Cod, MA, May, 1985.
- TUBBS, L. "Perspectives of Educational Leadership," Association of Personnel Workers Conference, Atlanta, GA, February, 1985.

PRESENTATIONS
Regional or State Meetings

COLLEGE OF ARTS AND SCIENCES

BIOLOGICAL SCIENCES

- EHRHART, L. M. "Marine Turtle Mortality in the Vicinity of Port Canaveral, Florida; 1977-1984," Port Canaveral Sea Turtle Symposium, Miami, FL, February, 1985.
- EHRHART, L. M. and Raymond, P. W. "Marine Turtle Nesting Densities in South Brevard County, Florida, 1981-1984," Port Canaveral Sea Turtle Symposium, Miami, FL, February, 1985.
- KUHN, D. T. "Mapping the Tumorous-Head Mutant Genes to the Bithorax-Complex in D. melanogaster," 8th Annual Cancer Research Seminar, Tampa, FL, February 1985.
- LONGLEY, R. E., Dorn, A. R. and Good, R. A. "Effects of Interleukin-2 on Immune Responsiveness of Immunodeficient, Leukemia-free B6--AKR Chimeras," Florida Branch Meeting of the American Society for Microbiology, Orlando, FL, November 1984.
- LONGLEY, R. E., Dorn, A. R. and Good, R. A. "Prevention of Leukemia by Bone Marrow Transplantation with Resulting Interleukin-2 Deficiency," 8th Annual Cancer Research Seminar, Florida Division, American Cancer Society, Tampa, FL, February 1985.
- MILLER, H. A., Sampson, J. G. and Lotspeich, C. S. "Wetland Reclamation Using Sand-clay Mix from Phosphate Mines," 12th Annual Conference on Wetlands Restoration and Creation, Tampa, FL, May 1985.
- MILLER, H. A. "Calomnion, a Pacific Island Refugee," Annual Meeting of the Florida Academy of Sciences, St. Leo, FL, May 1985.
- OSBORNE, J. A. "Aquatic Weed Investigations in Central Florida," Annual Aquatic Plant Research Review and Coordination Conference, Orlando, FL, January 1985.
- OSBORNE, J. A. "Aquatic Gardening and Lakeshore Management Panel" 5th Annual Florida Native Plant Conference, Winter Park, FL, May 1985.
- Provancha, J. A. and EHRHART, L. M. "Sea Turtle Nesting Trends at John F. Kennedy Space Center and Cape Canaveral Air Force Station," Port Canaveral Sea Turtle Symposium, Miami, FL, February, 1985.
- Stanaland, B. E., Fliss, A., Ventura, M., GENNARO, R. N., WHITE, R. S., SWEENEY, M. J. and Klotz, S. D. "Characterization of Melaleuca and Bottlebrush Pollens Using Crossed Immunoelectrophoresis, Isoelectric Focusing, and Affinity Chromatography," 29th Annual Meeting of the South-eastern Allergy Association, Sea Island, GA, October 1984.
- Stanaland, B. E., WHITE, R. S., GENNARO, R. N., Klotz, S. D. and SWEENEY, M. J. "Isolation and Characterization of the Crossreactive Allergenic Components in Callistemon and Melaleuca Pollen by Crossed Immunochemical Methods," Florida Branch Meeting of the American Society for Microbiology, Orlando, FL, 1984.

- Stanaland, B. E., WHITE, R. S., GENNARO, R. N., Klotz, S. D. and SWEENEY, M. J. "Isolation and Characterization of Cross-reactive Allergenic Components in *Callistemon* and *Melaleuca* Pollen by Immunochemical Methods," 49th Annual Meeting of the Florida Academy of Sciences, St. Leo, FL, May 1985.
- Ventura, M. F., Fliss, A. E., WHITE, R. S., GENNARO, R. N., Klotz, S. D. and SWEENEY, M. J. "Water Soluble Proteins Using Affinity Chromatography: Isolation and Immunochemical Characterization of *Callistemon citrinis*, *Melaleuca quinquinervia*, and *Paspalum notatum*," 49th Annual Meeting of the Florida Academy of Sciences, St. Leo, FL, May 1985.
- WHITTIER, H. O. and Whittier, B. A. "Bryoflora of Southeastern Polynesia," 49th Annual Meeting of the Florida Academy of Sciences, St. Leo, FL, May 1985.

CHEMISTRY

- CUNNINGHAM, G. N. "Mode of Action of DOWCO-416 and Semilogs," American Chemical Society Southeast Regional Meeting, Raleigh, NC, October 1984.
- GUPTON, J. "The Use of Gold's Reagent as a Linchpin in Reaction with Dinucleophilic Species," Southeastern Regional Meeting of the American Chemical Society, Raleigh, NC, October 1984.
- GUPTON, J. "Regioselective Fluoroalkoxylation of Activated Polyhalobenzenes and Polyhaloheterocycles," Southeastern Meeting of the American Chemical Society, Raleigh, NC, October 1984.
- GUPTON, J. "The Sequential Reaction of Grignard Reagents and Borane with Vinamidinium Salts," Southeastern Regional Meeting of the American Chemical Society, Raleigh, NC, October 1984.
- GUPTON, J. and Idoux, J. "Reaction of Hexamethylphosphoramide (HMPA) with Lactones: Unsaturated Amide Formation," Southwestern Regional Meeting of the American Chemical Society, Lubbock, TX, December 1984.
- GUPTON, J. and Idoux, J. "Regiochemistry of the Reaction of Trifluoroethoxide Ion with Monoactivated Dihalobenzenes," Southwestern Regional Meeting of the American Chemical Society, Lubbock, TX, December 1984.
- GUPTON, J. and Correia, K. "The Reaction of Ortho Amino Benzoic Acids with Gold's Reagent. A Two Atom Lynch Pin Transformation," Florida American Chemical Society Annual Meeting, Lakeland, FL, May, 1984.
- GUPTON, J. and Baran, D. "Reaction of HMPA with Lactones; Enamide Formation," Florida American Chemical Society Annual Meeting, Lakeland, FL, May, 1984.
- GUPTON, J. and Dukeshner, D. "Regioselective Fluoroalkoxylation and Polyfluoroalkoxylation of Activated Polyhalobenzenes and Polyhaloheterocycles," Florida American Chemical Society Annual Meeting, Lakeland, FL, May, 1984.

GUPTON, J. and Wysong, E. "Reactions of Activated Aryl and Heteroaryl Dihalides with HMPA. A Regioselectivity Study," Florida American Chemical Society Annual Meeting, Lakeland, FL, May, 1984.

HAMPTON, M. D. "International Chemistry Olympiad," Florida Association of Science Teachers State Convention 1984, Coral Springs, FL, October 1984.

HAMPTON, M. D., Peters, C. A, and Hedgecock, A. "Chemical Magic," Florida Association of Science Teachers State Convention, Coral Springs, FL, October 1984.

HAMPTON, M. D. "Crown Ether Based Ion Selective Electrodes," Annual Meeting of Florida Section American Chemical Society, Lakeland, FL, April 1984.

KUJAWA, F. "A Multi-Screen Slide Presentation of the Geology of Our National Parks," Southeast Regional Conference of Danforth Associates, Callaway Gardens, GA, March 1985.

KUJAWA, F., Beck, B. and Jones, M. "Sinkholes Induced by Groundwater Withdrawn in Pierson, Florida during the Freezes of December 1983 and January 1985, Florida Academy of Sciences Annual Meeting, St. Leo, FL, May, 1985.

MADSEN, B. C. "Acid Rain in Orlando, Florida During 1977-84," "Acid Rain: Impact on Florida and the Southeast," Southeast Regional Meeting-American Chemical Society, Orlando, FL, April 1984.

COMMUNICATION

GRASTY, W. K. "Listening: Problems in Teaching It, Doing It and Testing It," Florida Speech Communication Association Convention, Melbourne, FL, October 1984.

MORGAN, T. "Prosocial Elements in Commercial Presentations to Children," Southern Marketing Association, New Orleans, LA, November 1984.

TAYLOR, K. P. "Small Group Research = NSD: A Heuristic Perspective," 1985 Convention of the Central States Speech Association, Indianapolis, IN, April 1985.

COMPUTER SCIENCE

LEESON, J. J., SEGAMI, C. and WORKMAN, D. "A Model For Programmer Efficiency," 23rd Annual Conference of the Southeast Region, Association for Computer Machinery, Nashville, TN, April 1985.

HISTORY

FERNANDEZ, J. B. "Historia del Teatro Espanol en los Estados Unidos," Ceremony opening "Two Centuries of Hispanic Theater in the United States," Miami, FL, May 1985.

HUMANITIES, PHILOSOPHY AND RELIGION

RISER, J. S. "The Ends of Conduct and the Criteria of Morality," Florida Philosophical Association Meeting, Tampa, FL, November 1984.

RISER, J. S. "Productive Forces and Production Relations," Marxist Scholars Conference, Chicago, IL, March 1985.

MATHEMATICS

ANDREWS, L. C. and Phillips, R. L. "The I-K Distribution as a New Model for Intensity Fluctuations and its Relation to the K Distribution," Workshop on the Physics of Directed Energy Propagation in the Atmosphere, New Mexico State University, Las Cruces, NM, March 1985.

DUTTON, R. D. and BRIGHAM, R. C. "Strong, Weak and Other Colorings of Uniform Hypergraphs," 16th Southeastern Conference on Combinatorics, Graph Theory and Computing, Boca Raton, FL, February 1985.

Phillips, R. J., ANDREWS, L. C., Beck, J. K., Burke, S. M, and Bruce, D. A. "Measurements of Cn Using Simultaneous Meteorological and Optical Experiments, Workshop on the Physics of Directed Energy Propagation in the Atmosphere," New Mexico State University, Las Cruces, NM, March 1985.

MUSIC

HOTALING, E. "Microcomputers and Music," UCF Computer Fair and Teleconference, Orlando, FL, April 1985.

PHYSICS

Iacovazzi, R. A. and BOLEMON, J. S. "Investigating the Refraction of Sound and Lightning Bolts," Annual Meeting of the Florida Academy of Sciences, St. Leo College, Saint Leo, FL, May 1985.

POLITICAL SCIENCE

MORALES, W. Q. "Contemporary Central American Elections: Nicaragua and El Salvador Compared," Southeastern Council of Latin American Studies, Winter Park, FL, March 1985.

PSYCHOLOGY

ABBOTT, D. W. and Kolduff, S. D. "Fitness, Anxiety, and Type 'A' Behavior," Southeastern Psychological Association, Atlanta, GA, March 1985.

BLAU, B. I. with Holden, T., ABBOTT, D. W. and BROPHY, J. C. "The Effects of Sex Role on Video Game Playing in College Females," Southeastern Psychological Association, Atlanta, GA, March 1985.

BLAU, B. I., Senne, M. and MCGUIRE, J. M. "The Interaction of Anxiety and Sex Roles With Computers," Southeastern Psychological Association, Atlanta, GA, March 1985.

BROPHY, J. C. "Applications of a Microcomputer to Teaching Research Design," The 7th Annual Institute for Teaching Psychology, San Diego, CA, December 1984.

BROPHY, J. C. "Organizing a Faculty Office Using a Microcomputer," The 7th Annual Institute for Teaching Psychology, San Diego, CA, December 1984.

- BROPHY, J. C. "Computers in Psychology," The 7th Annual Institute for Teaching Psychology, Clearwater, FL, January 1985.
- BROPHY, J. C. "Academic Computing in the Arts and Sciences," Vanderbilt University Arts and Science Computer Symposium, February 1985.
- BURROUGHS, W. and Boynton, K. "Consideration of Rater Status and Appraisal Format in a Law Enforcement Setting," Florida Association of Behavior Analysis, September 1984.
- BURROUGHS, W. "Visual Simulation Training of Baseball Batters," Research Interest Group, Orlando, FL, February 1985.
- FISHER, R. D. and Givens, L. L. "Trouble in Paradise: Inconsistencies in the Relationships Between Sex, Sex-Role Traditionality, and Various Measures of Romantic Attitudes," The Thirty First Annual Meeting of the Southeastern Psychological Association, Atlanta, GA, March 1985.
- TUCKER, R. D. "The Clinical Masters Degree: A Reality in Search of Legitimacy," Southeastern Psychological Association, Atlanta, GA, March 1985.
- TURNAGE, J. J., Latham, G. P. and Schoenfeld, G. A. "The Relative Effects of Motivational Versus Cognitive Components of Goal Setting on Work Performance and Satisfaction: A Test of the Contingency Model of Motivation," Southeastern Psychological Association, Atlanta, GA, March 1985.

PUBLIC SERVICE ADMINISTRATION

- SLAUGHTER, D. B. "New Developments in Florida Search and Seizure Law," Annual Conference of Florida Police Attorneys, Orlando, FL, September 1984.
- SLAUGHTER, D. B. "Recent Updates on the Legal Liability of Public School Guidance Counselors," Florida Personnel and Guidance Counselors Association Annual Conference, Jacksonville, FL, October 1984.

SOCIAL WORK

- GREEN, C. E. and ABEL, E. M. "The Elderly and Their Families," "A Systems Framework for Understanding and Intervention," State Conference on Aging of Beverly Enterprises, Inc., Orlando, FL, March 1985.
- KAZMERSKI, K. J. "The Social Work Profession in Florida," Volusia Unit of the National Association of Social Workers, March 1985.
- KAZMERSKI, K. J. "Advancing Social Work," Broward Unit of the National Association of Social Workers, March 1985.

SOCIOLOGY AND ANTHROPOLOGY

- BROWN, W. R. "Utilizing a General Social Psychological Process Model to Integrate Social and Social Psychological Theories," Clinical Sociology Conference, Orlando, FL, April 1985.
- BROWN, W. R. "Promoting Applied Sociology," 3rd Annual Conference of the Southern Sociological Society, Charlotte, NC, April 1985.

CHASE, A. R. and CHASE, D. Z. "Maya Prehistory at Santa Rita Corozal, Belize," 1985 Southeast Conference on Latin America Studies, Orlando, FL, March 1985.

COOK, I. J. "Addiction from Childhood to Adulthood," Seminar on Prevention of Alcoholism and Drug Dependency, Orlando, FL, February 1985.

STEARMAN, A. M. "The Siriono of Eastern Bolivia: New Research Findings," Latin American Colloquium, University of Florida, September 1984.

STATISTICS

Bogumil, W. A. and FRANKLIN, L. A. "Students as Surrogates in Arbitration Studies," Spring Regional Meetings of the Association for Business Simulation and Experiential Learning, Spring 1985.

FRANKLIN, L. A. and MALONE, L. C. "A Comparison of Undergraduate Statistics Curriculums for Majors and Minors within the State University System of Florida," Annual Meeting of the Florida Chapter of the American Statistical Association, February 1985.

SOMERVILLE, P. N. "Two New Subset Selection Procedures," Annual Meeting of the Florida Chapter of the American Statistical Association, February 1985.

SOMERVILLE, P. N., Steyn, F., Dawson, J. and De Wet, D. "An Application of the Multiple F Subset Selection Procedure to Data for a Grass Selection Experiment," Annual Meeting of the Operations Research Society of South Africa, October 1984.

THEATRE

McKAY, M. L. "Francois Delsarte: Innovator or Follower?" Southeastern Theatre Conference, Tampa, FL, March 1985.

COLLEGE OF BUSINESS ADMINISTRATION

ACCOUNTING

ANDERSON, H. R. "Florida's Five Year Law," California Society of CPAs, Los Angeles, CA, October 1984.

CAMPBELL, T. L. "The Use of Financial Planning Languages in Accounting," Institute of Decision Sciences Southeast Regional, New Orleans, LA, February 1985.

CAMPBELL, T. L. "The Use of Financial Planning Languages in Accounting," American Accounting Association Southeast Regional, Orlando, FL, April 1985.

SALTER, J. H. and SALTER, M. P. "Early Extinguishment of Debt: Has FASB Really Addressed the Whole Issue?" American Accounting Association Western Regional, San Diego, CA, May 1985.

SALTER, J. H. and SALTER, M. P. "In-Substance Defeasance of Debt: Has FASB Carried a Questionable Concept Too Far?" American Accounting Association Mid-Atlantic Regional, Washington, DC, March 1985.

WELKER, R. B. "An Empirical Examination of Stock Market Behavior in Response to RRA Disclosures," American Accounting Association Southeast Regional, Orlando, FL, April 1985.

WELKER, R. B. "An Empirical Study of the Effects of Covariation Information on Judgement in Context of a Cost Variance Investigation Decision," Ward Edwards Bayesian Conference, Los Angeles, CA, February 1985.

DICK POPE, SR. INSTITUTE FOR TOURISM STUDIES

CHANDRASEKAR, V. "Anti-Trust Laws as They Apply to Hotel Marketing Contents," Hotel, Sales, and Marketing Association, Orlando, FL, February 1985.

CHANDRASEKAR, V. "Training the Trainer, The Role of Club Managers," Club Managers Association of America, Venice, FL, January 1985.

CHANDRASEKAR, V. "Organizational Climate and Hotel Management," Colorado Wyoming Hotel and Motel Association, Colorado Springs, CO, March 1985.

ECONOMICS

DAY, A. E. "Federal Reserve Credit as an Intermediate Target Variable," Eastern Economics Association Meetings, Pittsburgh, PA, March 1985.

FRITZ, R. G. "Economic Development and Financial Deepening: A Study of Causation and Dynamics," Southern Economic Association Meetings, Atlanta, GA, November 1984.

FRITZ, R. G. and McHONE, W. W. "Short-Term Forecasts of Regional Employment and Income with a Combined ARIMA/Input-Output Approach: Some Conceptual Issues," Southern Regional Science Association Meetings, Washington, D.C., May 1985.

McHONE, W. W. "Factors in the Adoption of Industrial Development Incentives by States," Southern Economic Association Meetings, Atlanta, GA, November 1984.

RAFFA, F. A. "JTPA: Old CETA Wine in New Bottles," Southern Economic Association Meetings, Atlanta, GA, November 1984.

FINANCE

CHENEY, J. M., MADURA, J. and VEIT, E. T. "The Combined Impact of Expense Ratios, Investment Horizon, and Transaction Costs on Mutual Fund Returns: An Empirical Examination," Eastern Finance Association, Williamsburg, VA, April 1985.

CHENEY, J. M. "The Impact of Mutual Fund Load Fees and Management Expenses on Investor Returns," Eastern Finance Association, Williamsburg, VA, April 1985.

MODANI, N. K. and Brooks, L. D. "Comparative Information Content of Beta and Lower Partial Moment Estimates," Eastern Finance Association Annual Meeting, Williamsburg, VA, April 1985.

MARKETING

MORRIS, M. H. "The Buying Game: An Experimental Approach to Developing an Industrial Marketing Orientation "Mid-Atlantic Marketing Association Annual Conference, Orlando, FL, October 1984.

MORRIS, M. H. "A Cybernetic/Control Framework for Marketing Channels," Academy of Marketing Science Annual Conference, Miami, FL, May 1985.

RUBIN, R. S. "Use of the Micro-Computer as a Small Business Diagnostic Tool Kit," Small Business Institute Directors' Association Region IV Conference, Athens, GA, April 1985.

COLLEGE OF EDUCATION

EDUCATIONAL FOUNDATIONS

BARR-JOHNSON, V. "The Arts in Higher Education," Florida Art Education Association Conference, Orlando, FL, September 1984.

ESLER, W. K. "A Study of the Effects of a Content Enriched Elementary Science Methods Course," Florida Association of Science Teachers, Fort Lauderdale, FL, October 1984.

HARROW, T. L. "Developments in Classroom Control," Southeastern Regional Association of Teacher Education, Williamsburg, VA, November 1984.

KYSILKA, M. L. and McLAIN, N. "Computers and Teacher Educators: What Do We Do?" Florida International Computing Conference, Orlando, FL, January 1985.

KYSILKA, M. L. "Pathways to Excellence," Kappa Delta Pi Southeast Regional Conference, Jacksonville, FL, February 1985.

KYSILKA, M. L. "Global Interdependence," Delta Kappa Gamma Mu State Convention, Orlando, FL, April 1985.

OLSON, A. H. "Supervisory Development for Library Directors," Library Association Southeast, Biloxi, MI, October 1984.

OLSON, A. H. "The Computer and Evaluation Professor," Florida Institutional Computing Conference, Orlando, FL, January 1985.

SCIORTINO, P. T. "Reaching New Horizons, Bus Drivers," Florida Staff Development Leadership Conference, Daytona Beach, FL, September 1984.

EDUCATIONAL SERVICES

BAUMBACH, D. T. "Recommended Materials for Computer Literacy," UCF/DOE Center for Instructional Computing, Orlando, FL, July 1984.

- BAUMBACH, D. T. "Evaluating Computer Software," Volusia County Media and Methods Mini-Conference, Daytona Beach, FL, January 1985.
- BOLLET, R. M. "Left Brain/Right Brain Functioning," Florida Association for Counseling and Development Convention, Jacksonville, FL, November 1984.
- BOLLET, R. M. "The Counselor and the Law," Florida Association for Counseling and Development Convention, Jacksonville, FL, November 1984.
- CORNELL, R. A. "Scenario 1999 and Beyond: In Search of an Intergalactic Media Center," USF Conference on Leisure Time, St. Petersburg, FL, February 1985.
- CORNELL, R. A. "Transitions to Leisure Time: Space Travel," USF Conference on Leisure Time, St. Petersburg, FL, February 1985.
- CORNELL, R. A. "The Origins and Intent of SRMLC," Southeastern Regional Media Leadership Conference, Atlanta, GA, March 1985.
- CROCITTO, J. A. "Organizing a Student Affiliated Association," Florida Association for Counseling and Development Convention, Jacksonville, FL, November 1984.
- CROCITTO, J. A. "FSCA Committees: What They're All About," Florida Association for Counseling and Development Convention, Jacksonville, FL, November 1984.
- CROCITTO, J. A. "Jogging: A Holistic Experience," Florida Association for Counseling and Development Convention, Jacksonville, FL, November 1984.
- MAROWITZ, R. L. "Eriksonian Hypnotherapy: Transforming Limitations into Opportunities," Florida Association for Counseling and Development Convention, Jacksonville, FL, November 1984.
- MAROWITZ, R. L. "Sensory Loss: Empathetic Model of Aging," Florida Association for Counseling and Development Convention, Jacksonville, FL, November 1984.
- MAROWITZ, R. L. "Camels or Elephants? A New Look at Group Facilitation Skills," American Society for Training and Development, Inc., Central Florida Chapter, Winter Park, FL, February 1985.
- MAROWITZ, R. L. "Aging Parents, Whose Responsibility," Florida Family Super Conference, Orlando, FL, April 1985.
- MEALOR, D. J. "Comparative Analysis of the K-ABC and WISC-R with Selected Minority Students," Florida Association of School Psychologists, Orlando, FL, November 1984.
- MEALOR, D. J. "Very Early Intervention, Treatment and Intervention: The School Psychologist as a member of the Health Care Team," Florida Association of School Psychologists, Orlando, FL, November 1984.

- MEALOR, D. J. "Parent Involvement in Education: Guide for Workshops and Implementation," Florida Association of School Psychologists, Orlando, FL, November 1984.
- MIDGETT, J. "Learning Disabilities: March to a Different Drummer," Florida State Music Teachers Association Convention, Orlando, FL, April 1985.
- ORWIG, G. W. "Computers and Instruction--Have They Blinded Us with Science?" Florida Library Association, May 1985.
- POWELL, J. W. "Physical Education for the Handicapped: Theory Into Practice," Florida State Curriculum Conference, Orlando, FL, 1984.
- POWELL, J. W. "Perceptual Motor Development for Young Children," Curriculum Coordinators Conference, Lake Mary, FL, August 1984.
- ROHTER, F. D. "Corporate Wellness Economics," Corporate Wellness Symposium, Orlando, FL, April 1985.

INSTRUCTIONAL PROGRAMS

- ANDERSON, B. B. "What is the Instructional Level," Florida Reading Association Annual Convention, Jacksonville, FL, October 1984.
- ANDERSON, B. B. "Informal Reading Inventory Instruction," Southeastern Regional Conference, Lexington, KY, November 1984.
- ARMSTRONG, J. H., ESLER, W. K. and BIRD, R. C. "A Study of the Effects of a Content Enriched Elementary Science Methods Course," Meeting of Florida Association of Science Teachers, Orlando, FL, October 1984.
- CLARKE, W. and GREEN, F. E. "A Research Report: Are K-12 Teachers and Trainees Really Prepared to Use Geography in Their Social Studies," Florida Council for the Social Studies Teacher Annual Convention, Sarasota, FL, October 1984.
- GREEN, F. E. "Videotaping: Excellence Through Modeling," Florida Council for the Social Studies, Sarasota, FL, October 1984.
- GREEN, F. E. "Assessment of the Social Studies Curriculum: Florida Example," North Carolina Council for the Social Studies, Pinehurst, NC, February 1985.
- GURNEY, D. W. "The Case for the Bilingual Media Specialist," Florida Association of Media Specialists, Orlando, FL, January 1984.
- GURNEY, D. W. "Application of Brain Research to Foreign Language Learning," University of Florida Linguistics Club Conference, Tampa, FL, June 1984.
- GURNEY, D. W. "Teaching Grammar as Culture," Florida Foreign Language Association Conference, Daytona Beach, FL, October 1984.
- HOPKINS, M. "Using LOGO to Diagnose Problem-Solving Skills," Florida Instructional Computing Conference, Orlando, FL, January 1985.

- HUDSON, L. R. "Student Record Keeping via Computer," Florida Instructional Computing Conference, Orlando, FL, January 1985.
- HYNES, M. C. and McGEE, N. R. "Using Data Bases In English Instruction," Florida Instructional Computing Conference, Orlando, FL, February 1985.
- HYNES, M. C., BAIRD, R. and O'Brien, S. "Coping With Pascal: A Discussion Part III," Florida Instructional Computing Conference, Orlando, FL, February 1985
- JOELS, A.R. "Teacher Education and Legislative Influence," Southeastern Regional Conference of International Reading Association, Lexington, KY, November 1984.
- JOELS, A. R. "Share Ideas: Tips for Those (Especially Teachers) Who Wish to Publish in Professional Journals," International Reading Association Southeastern Conference, Lexington, KY, November 1984.
- JOELS, A. R. "Comprehension: How and Why?" Division of Public Schools Educational Conference, Orlando, FL, January 1985.
- JOELS, A. R. "Enhancing Study Skills in Content Areas," Georgia Council, International Reading Association, Atlanta, GA, March 1985.
- McCAIN, K. W. "Narrative Analysis: An Aid to Developing and Assessing Story Comprehension," Mississippi Reading Association Annual Meeting, Biloxi, MI, January 1985.
- McGEE, N. R. "Using Student Generated Data Bases in Secondary English," Florida Council of Teachers of English, Cocoa Beach, FL, October 1984.
- McGEE, N. R. "Adolescent Literature--Some New Titles and Old Favorites," Florida Association of Media Educators, Hollywood, FL, September 1984.
- McGEE, N. R. "Revision Strategies," Florida Freelance Writers Association, Orlando, FL, September 1984.
- MARTIN, R. D. "Issues in Teacher Education," Florida Council on Elementary Education Conference, Tampa, FL, September 1984.
- PALMER, M. J. "Unifying Support for Music Education in Florida," Florida Music Educators Conference, Tampa, FL, January 1985.
- PAUGH, R. F. "Competency Based Instruction in Florida," Southeastern Trade and Industrial Education Conference, Nashville, TN, 1984.

COLLEGE OF ENGINEERING

CIVIL ENGINEERING AND ENVIRONMENTAL SCIENCES

- COOPER, C. D. and Nangle, J. "Destruction of VOCs by a Catalytic Paint Drying Device," Florida Section of the Air Pollution Control Association, Daytona Beach Shores, FL, September 1984.

- DIETZ, J. D. and Huguenard, R. P. "Cost Effective Design of Activated Sludge Final Clarifiers," 1984 Florida/South Annual Meeting of the American Society of Civil Engineers, Ft. Lauderdale, FL, September 1984.
- DIETZ, J. D. "Report on New Treatment/Recovery Techniques: AES/EPA Co-Funded Study," Twenty-Fifth Annual American Engineering Society Midwest Technical Seminar, Milwaukee, WI, October 1984.
- DIETZ, J. D. and Keinath, T. M. "Final Clarifier Dynamics: Design/Operation Implications," 58th Annual Technical Conference, Florida Society of the American Water Works Association, Orlando, FL, November 1984.
- DIETZ, J. D. "Leaching Characteristics of Metal Finishing Sludges," Engineering Exhibit Southeast, sponsored by the Florida Specifier, Tampa, FL, March 1985.
- HARPER, H. H. "Lake Eola Restoration Project for Management of Stormwater Pollution in an Urban Lake," American Public Works Association 1984 Convention and Equipment Show on "Rebuilding America," Orlando, FL, April 1984.
- KUO, S. "Report on Cracking in Skyway Bridge Pavement by Ground Penetrating Radar," 1984 FL. American Society of Civil Engineers Annual Meeting, Fort Lauderdale, FL, September 1984.
- KUO, S. "Application of Ground Penetrating Radar to the Investigation of Subsurface Cavities and Stratification," presented at the American Public Works Association, 1984 Convention and Equipment Show, Orlando, FL, May 1984.
- KUO, S. "A Rapid Diagnosis of Concrete Pavement by Ground Penetrating Radar," a paper presented at 1984 Florida American Society of Civil Engineers Annual Meeting, Fort Lauderdale, FL, September 1984.
- KUO, S. "Sinkhole Formation and Detection by Ground Penetrating Radar," paper presented at 1985 Meeting of the Florida Academy of Sciences, Saint Leo College, St. Leo, FL, May 1985.
- RODRIGUEZ-RAMOS, W. E. "Computer Graphics in construction at the University of Central Florida," American Society of Civil Engineers/Florida Section Annual Meeting, Ft. Lauderdale, FL, September 1984.
- RODRIGUEZ-RAMOS, W. E. "On construction Layout Modeling and Microcomputer Heuristics," 2nd National Conference on Microcomputers in Civil Engineering, Orlando, FL, October 1984.
- TAYLOR, J. S. and SNYDER, B. "Removal of THMFP by PAC," Florida Society of the American Water Works Association Technical Conference, Orlando, FL, November 1984.
- TAYLOR, J. S., SNYDER, B. and Thompson, D. "THM Control Techniques," South-eastern Engineering Exhibit, Tampa, FL, March 1985.
- TAYLOR, J. S. "Trihalomethane Control," Florida Water and Pollution Control Operators Association Short School, Gainesville, FL, August 1985.

TAYLOR, J. S. "New Organic Compounds," 1984 Groundwater Contamination Conference, Ft. Lauderdale, FL, September 1984.

TAYLOR, J. S., SNYDER, B. and Thompson, D. "Chlorination," Trihalomethane Control Conference, Ft. Lauderdale, FL, March 1985.

WANIELISTA, M. P. and PALMER, C. "Lake Management Techniques Using Alum," American Water Resources Association, Florida Section, Winter Park, FL, January 1985.

WANIELISTA, M. P. and McBee, M. "Groundwater Recharge from Drainage Wells in Orlando," American Water Resources Association, Florida Section Meeting, Winter Park, FL, January 1985.

WANIELISTA, M. P. "Design of Stormwater Detention/Retention Facilities," American Water Resources Association, State Annual Meeting, Ocala, FL, May 1985.

INDUSTRIAL ENGINEERING AND MANAGEMENT SYSTEMS

BIEGEL, J. E. "Robot Vision Systems: Their Expected Role in Manufacturing," Keynote Address of the Joint Institute for Industrial Engineering/ SME Robotics and Automated Assembly Conference, Cocoa, FL, March 1985.

WHITEHOUSE, G. E. "Selection of IE Software," Institute for Industrial Engineering Meeting, Flint, MI, March 1985.

MECHANICAL ENGINEERING AND AEROSPACE STUDIES

MOSLEHY, F. A. and Hashem, M. "Simulation of Vibration in Rotating Machines," Florida Academy of Sciences, Saint Leo College, St. Leo, FL, May 1985.

COLLEGE OF HEALTH

NURSING

DORNER, J. "Signs and Symptoms of Substance Use and Abuse Among Nurses," Conference on the Impaired Nurse, Florida Nurses Association, March 1985.

MEDICAL RECORDS

KUYPER, L. A. "Legal Aspects of Medical Records," presented to the Medical Office Personnel of Kissimmee, FL, November 1984.

KUYPER, L. A. "Back to Basics - Statistics" presented to the Mid-Year Education Conference of FMRA, Orlando, FL, March 1985.

MEDICAL TECHNOLOGY

HEINSOHN, B. F. "Myelofibrosis and Cabot Rings," Florida Division of the American Society for Medical Technology, Jacksonville, FL, March 1985.

HEINSOHN, B. F. "Disseminated Intravascular Coagulation Caused by a Gram Positive Organism," Florida Division of the American Society for Medical Technology, Jacksonville, FL, March 1985.

KANGELOS, M. "Articulation in Clinical Laboratory Education," Clinical Laboratory Educators of Florida, Orlando, FL, May 1984.

SWEENEY, M. J. "Isolation and Immunochemical Characterization of Melaleuca and Bottlebrush Pollens Using Tandem Crossed Immunoelectrophoresis, Isoelectric Focusing, and Affinity Chromatography," Southeast Allergy Association, Sea Island, GA, October 1984.

RADIOLOGIC SCIENCES

EDWARDS III, T. J. "Quality Assurance in the Radiology Department," Medical Source Medical Teleconference, Battlesville, OK, October 1984.

EDWARDS III, T. J. "Reducing Exposure in Dental Radiography," Orange County Dental Hygienist's Society, Orlando, FL, January 1984.

EDWARDS III, T. J. "Live Longer with X-Rays," Central Florida Society of Radiologic Technologists, Orlando, FL, March 1985.

MAYNARD, P. R. "Diagnostic Imaging Workshop," Louisiana Society of Radiologic Technologists, Baton Rouge, LA, August 1984.

MAYNARD, P. R. "The New Imaging License," Florida Nuclear Medicine Technologists, Orlando, FL, May 1984.

MAYNARD, P. R. "Radiographic Quality," Central Florida Society of Radiologic Technologists, Orlando, FL, October 1984.

MAYNARD, P. R. "Cross-Sectional Anatomy - Cranial," Indian River Society of Radiologic Technologists, Melbourne, FL, March 1984.

FLORIDA SOLAR ENERGY CENTER

BLOCK, D. L. "Solar Research and Promise," Society of American Military Engineers, Orlando, FL, February 1985.

CROMER, C. J. "The State-of-the-Art in Solar Design," Florida Solar Energy Industries Association Annual Meeting and Trade Show, Miami Beach, FL, September 1984.

FAIREY, P. W. "Superinsulation and Cooling," Superinsulation Forum, Rochester, MN, April 1984.

HANCOCK, O. G. "Problems with Large Solar Systems," Florida Solar Energy Industries Association Annual Meeting and Trade Show, Miami Beach, FL, September 1984.

KHATTAR, M. K. "Air-to-Air Heat Exchangers for Greater Dehumidification Effectiveness," Florida Solar Research Forum, Bal Harbour, FL, September 1984.

- LAHART, D. E. "Brevard's Energy and Environmental Ethics Project," Florida Association of Science Teachers Meeting, Fort Lauderdale, FL, October 1984.
- LAHART, D. E. "In-Service Programs in Energy Education," Florida Association for Science Supervisors Meeting, Tallahassee, FL, April 1985.
- LAHART, D. E. "Teaching Science with Solar," Florida Association of Science Teachers, Fort Lauderdale, FL October 1984.
- LAHART, D. E. "Teaching Science with Solar," League of Environmental Educators in Florida," Camp Ocala, FL, March 1985.
- MELODY, I. "The Sun in Your Future," Florida Municipal Utilities Association Meeting, Gainesville, FL, November 1984.
- SHEINKOPF, K. G. "Marketing Solar for Success," First Annual Southeastern Regional Energy Trade Show, Atlanta, GA, October 1984.

STUDENT AFFAIRS

- HARMAN, R. L. "Introduction to Gestalt Therapy," Florida Association for Counseling and Development, Jacksonville, FL, November, 1984.
- HARMAN, R. L. "Gestalt Therapy with Couples," Florida Family Super Conference, Orlando, FL, May, 1985.
- HARMAN, R. L. "Effective Interpersonal Communications," Improving the Quality of Life: Male Issues in the 80's, Orlando, FL, November, 1984.
- TUBBS, L. "Overview of Student Affairs in the State University System," Florida Community Colleges Council for Student Affairs, Altamonte Springs, FL, March, 1985.
- EAKER, D. W. "Aspects of Mid-Life Crisis," Improving the Quality of Life: Male Issues of the 80's, Orlando, FL, November, 1984.
- FISHER, K. E. "Ericksonian Hypnotherapy: Transforming Limitations into Opportunities," Florida Association for Counseling and Development, Jacksonville, FL, November, 1984.
- FISHER, K. E. "Sensory Loss: An Emphatic Model of Aging," Florida Association for Counseling and Development, Jacksonville, FL, November, 1984.
- LAWSON, K. D. "Life Style Balancing: Work, Leisure Time and Socializing," Improving the Quality of Life: Male Issues in the 80's, Orlando, FL, November, 1984.

PRESENTATIONS

**Seminars at Another University or Before an Audience
of One's Peers**

COLLEGE OF ARTS AND SCIENCES

BIOLOGICAL SCIENCES

- Clippinger, D. and OSBORNE, J. A. "Surgical Sterilization of Grass Carp," Annual Meeting of the Florida Aquatic Plant Management Society, Plant City, FL, October 1984.
- EHRHART, L. M. "Ecologic Geography of Florida Marine Turtles: Nesting Beaches, Migratory Destinations and Developmental Habitats," Mote Marine Laboratory Research Seminar, Sarasota, FL, January 1985.
- EHRHART, L. M. "Ecological Geography of Western Atlantic Marine Turtles: Nesting Beaches, Migratory Destinations and Developmental Habitats," Department of Zoology, North Carolina State University, Raleigh, NC, March 1985.
- EHRHART, L. M. "Biology of Immature Sea Turtles in Florida's East Coast Lagoons," Mote Marine Laboratory Sea Turtle Workshop, Sarasota, FL, April 1985.
- KUHN, D. T. "Maternal Effect Interaction Between Bithorax-Complex Mutations Ultraabdominal-1 and tuh-3 in D. melanogaster," Genetics Group, Arizona State University, Tempe, AZ, July 1984.
- KUHN, D. T. "Enzyme Pattern Formation in D. melanogaster Imaginal Discs," Department of Zoology, Arizona State University, Tempe, AZ, October 1984.
- KUHN, D. T. "Mapping the Tumorous-Head Mutant Genes to the Bithorax-Complex in D. melanogaster," Developmental Biology Center, University of California, Irvine, CA, November 1984.
- OSBORNE, J. A. "Grass Carp--A Biological Tool for Aquatic Weed Control," Annual Meeting of the Midwest Aquatic Plant Management Society, Fort Wayne, ID, March 1985.
- Stanaland, B. E., WHITE, R. S., GENNARO, R. N., Klotz, S. D. and SWEENEY, M. J. "Isolation and Immunochemical Characterization of Melaleuca and Bottlebrush Pollens by Crossed Immunoelectrophoresis," Annual Meeting of the Florida Student Symposium, Gainesville, FL, July 1984.
- STOUT, I. J. and Boone, C. "Scrub Islands and Preserve Design," Fifth Annual Conference of the Florida Native Plant Society, Winter Park, FL, May 1985.
- WODZINSKI, R. J. "Optimization of the Methane Fermentation: Microbiology and Economics," Microbiology Department, Georgia State University, Atlanta, GA, May 1985.
- WODZINSKI, R. J. "Cost Model for Fermentation," U.S. Department of Agriculture-SRRL Seminar, New Orleans, LA, July 1984.
- WODZINSKI, R. J. "Techniques for Optimizing Fermentation," U.S. Department of Agriculture-SRRL Seminar, New Orleans, LA, August 1984.

COMMUNICATION

TAYLOR, K. P. "Speech Communication Theory and Research: Traditions and Challenges," Indiana University, Speech Tradition Days, April 1985.

HISTORY

PAULEY, B. F. "The Theory and Practice of Nazi Propaganda," Rosenfield Endowed Lecture Series, Grinnell College, Grinnell, IA, March 1985.

MATHEMATICS

DEBNATH, L. "Nonlinear Waves and Variational Principles," Jadavpur University, Calcutta, India, December 1984.

DEBNATH, L. "Soliton Dynamics and its Applications," Centre of Advanced Study in Applied Mathematics and S. N. Bose Institute of Physical Sciences, University of Calcutta, India, December 1984.

SHERWOOD, H. A. Functional Inequality Arising in Products of Spaces, University of Waterloo, Canada, June 1984.

MUSIC

WHISLER, B. A. "The Artist As Reflected in the Art-Work--re: Beethoven," Winter Park University Club, Winter Park, FL, April 1985.

PHYSICS

BOLEMON, J. S. "Refraction of Waves," University of South Florida, Tampa, FL, April 1985.

BRENNAN, J. J. "Physical Sciences," Brevard County High School Science Teachers, Merritt Island, FL, June 1984; Seminole County Science Teachers, Lake Mary, FL, July, 1984; Orange County Science Teachers, Orlando, FL, February and March 1985.

OELFKE, W. C. "Quantum Nondemolition Measurements," Citadel, Charleston, SC, November 1984.

OELFKE, W. C. "The Search For Gravitational Waves Below the Quantum Noise," Eastern Carolina University, Greenville, NC, April 1985.

SOCIAL WORK

GREEN, C. E. "Communicating with Your Child," BETA, Inc., Orlando, FL, March 1985.

GREEN, C. E. "Building Self-Esteem in Children," Headstart Workers and Volunteers Program, Orlando, FL, January, 1985.

GREEN, C. E. and Curtis, J. "Employee Interviewing and Counseling," Seminars for managers, Orlando, FL, April 1985.

GREEN, C. E. "Careers in Social Work," Requested by University Project Reachout, Orlando, FL, February 1985.

COLLEGE OF BUSINESS ADMINISTRATION

ACCOUNTING

ANDERSON, H. R. "Florida's Five Year Law," Mid-Florida Chapter of the National Association of Accountants, Orlando, FL, July 1984.

ANDERSON, H. R. "Current Changes in Accounting Education," Beta Alpha Psi Banquet, Southern Methodist University, Dallas, TX, November 1984.

ANDERSON, H. R. "FASB 85/MAP Committee," Wichita Chapter of the National Association of Accountants, Wichita, KS, March 1985.

ANDERSON, H. R. "The Accountant as an Expert Witness," Cape Canaveral Chapter of the National Association of Accountants, Melbourne, FL, April 1985.

CAMPBELL, T. L. "The Value of Education in Eliminating Poverty," Fifth Annual Commemorative Observance of the Birthday of Dr. Martin Luther King, Jr., Orlando, FL, January 1985.

DICK POPE, SR. INSTITUTE FOR TOURISM STUDIES

PIZAM, A. "Hospitality Human Resources Management," Singapore Hotel Association Top Team Development Program, Singapore, July 1984.

PIZAM, A. "Marketing India Abroad," Indian Association of Tour Operators, New Delhi, India, August 1984.

PIZAM, A. "Motivating Tourism Employees to Work," African Travel Association, Nairobi, Kenya, April 1985.

FINANCE

MODANI, N. K. "Investment Horizon and Beta Stationarity," Southern Economic Association Annual Conference, Atlanta, GA, November 1984.

MANAGEMENT

FERNALD, L. "Managing in Not-For-Profit Organizations," Navy Enlisted Wives Club of America, Winter Park, FL, February 1985.

MCCARTNEY, W. "Leadership Styles," meeting of "Leadership Florida," by Florida Chamber of Commerce, Orlando, FL, October 1984.

SCHOU, A. "Managerial Performance in a Service Setting," "Management Theory and Some Practical Aspects of Productivity," "Management of a Corporate Resource Information," Danish Management Center, Copenhagen, Denmark, November 1984.

MARKETING

MORRIS, M. H. "Micro Computer-Aided Marketing: A Problem-Solving Approach," Management Institute, Orlando, FL, April 1985.

RUBIN, R. S. "Curriculum Modification, Intervention and Improvement," American Assembly of Collegiate Schools of Business Invitational Deans' Seminar, Washington, D.C., September 1984.

COLLEGE OF EDUCATION

EDUCATIONAL FOUNDATIONS

KYSILKA, M. L. "Excellence in Education," Roanoke Valley Kappa Delta Pi Alumni, Salem, VA, May 1985.

EDUCATIONAL SERVICES

GERGLEY, G. R. "Wellness--A Wholistic Approach," Corporate Wellness Symposium, Orlando, FL, April 1985.

MAROWITZ, R. L. "Counseling Tips for Teachers," Seventeenth Annual Vocational Educators' Symposium, Orlando, FL, August 1984.

INSTRUCTIONAL PROGRAMS

BRUMBAUGH, D. K. "How to Turn Your Kids On," Florida Council of Teachers of Math, Fort Lauderdale, FL, October 1984.

CLARKE, W. and GREEN, F. E. "Geographic Concept and Skills as Basic Competencies," Seminole County Curriculum Coordinators Conference, Lake Mary High School, Longwood, FL, August 1984.

PALMER, M. J. "Music in Early Childhood," Summer Faculty, University of Colorado, Denver, CO, July 1984.

COLLEGE OF ENGINEERING

CIVIL ENGINEERING AND ENVIRONMENTAL STUDIES

DIETZ, J. D. "Emerging Waste Management Technologies in the Metal Finishing Industry," Hazardous Waste Management Seminar sponsored by Northern Telecom Inc., West Palm Beach, FL, March, 1985.

RODRIGUEZ-RAMOS, W. E. "Computer Graphics in Construction at the University of Central Florida," American Society of Construction Engineers, Florida Section Annual Meeting, Ft. Lauderdale, FL, September 1985.

RODRIGUEZ-RAMOS, W. E. "Applied Computer Graphics in the Building Construction Estimate Process," Building Construction Industry Advisory Committee, Florida Homebuilders Association Building, Tallahassee, FL, May 1984.

WANIELISTA, M. P. and Livingston, E. "Lake Management Using Stormwater Management Development with Public Inputs," North American Lake Management Society, McAfee, NJ, October 1984.

WANIELISTA, M. P. "Stormwater Permits," Florida Chamber 1985 Environmental Permitting Seminars, Tallahassee, FL, January 1985.

WANIELISTA, M. P. "Groundwater in the Orlando Area, Society of Military Engineers," Navy Training Center, Orlando, FL, April 1985.

COMPUTER ENGINEERING

BAUER, C. S. "Interfacing Microcomputers with the Real World," Seventh Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.

BAUER, C. S. "Engineering Intern Exam Review: Computers and Computer Programming Review," Florida Engineering Society - Central Florida Chapter, Orlando, FL, September 1984.

SIMONS, F. O. Non-Linear Controls Seminar to Doty for Martin, Orlando, FL, November 1984.

SIMONS, F. O. Professional Engineer Exam Review Seminars for Florida Engineering Society - Central Florida Chapter, Orlando, FL, November 1984.

ENGINEERING TECHNOLOGY

DENNING, R. G. "Results of Four Studies of Energy Audit and Energy Conservation Measures for Food Service Establishments," Restaurant and Orlando Utilities Commission Officials, March 1985.

INDUSTRIAL ENGINEERING AND MANAGEMENT SYSTEMS

BABU, A. G. International Conference on Robotics and Factories of the Future, Charlotte, NC, December 1984.

BABU, A. G., BIEGEL, J. E., BROOKS, G. H., DOERING, R. D., HOSNI, Y. A., MORSE, L. C., SMITH, L. L., WHITE, C. J. and WHITEHOUSE, G. E. 7th Annual Conference on Computers and Industrial Engineering, Orlando, FL, March 1985.

BABU, A. G. and SEPULVEDA, J. A. Fall Operations Research Society of America, The Institute of Management Science Meeting, Dallas, TX, November 1984.

BIEGEL, J. E., DOERING, R. D., MORSE, L. C. and WHITEHOUSE, G. E. "Models for the Justification of Flexible Manufacturing Systems," Institute for Industrial Engineering Fall Conference, Atlanta, GA, October 1984.

BIEGEL, J. E. University Programs in Computer Aided Engineering, Design and Manufacturing, Lehigh University 1984 Conference, Bethlehem, PA, August 1984.

WHITEHOUSE, G. E. "Overview of Network Scheduling Techniques," NTEC Engineering Seminar, Orlando, FL, October 1984.

WHITEHOUSE, G. E. "Effective Utilization of the Microcomputer by the Industrial Engineer," sponsored by the Institute of Industrial Engineers.
Atlanta, GA, July 1984
Atlanta, GA, September 1984
Atlanta, GA, October 1984
Atlanta, GA, January 1985
Atlanta, GA, March 1985

MECHANICAL ENGINEERING AND AEROSPACE STUDIES

HENRY, R. L. "Some MEAS Projects," Governor's Space Science Industry Panel, Orlando, FL, December 1984.

COLLEGE OF HEALTH

NURSING

CHASE, B. "Anatomy and Physiology of the Renal System," and "Fluids and Electrolytes," to Florida Hospital Nursing Staff, and "Leadership Concepts," to nursing staff of Westminster Towers and Winter Park Towers, Winter Park, FL, 1984.

DORNER, J. "Stress Management," "Alcoholism," Valencia Community College Conference, Orlando, FL, November 1984.

PETERSON, J. Z. "Assertive Management of Time," Community Nurses, March 1985.

ROWE, E. "South American Culture," Keechee Jr. High, Daytona, FL, March 1985.

FLORIDA SOLAR ENERGY CENTER

BURCH, J. "FSEC's Computer Resources and Research Programs," Digital Equipment Corporation Users Group Meeting, NASA Kennedy Space Center, FL, October 1984.

CROMER, C. J. "Feasibility of Solar Heating the Cocoa Beach Municipal Swimming Pool," Presentation to the Mayor and Commissioners of Cocoa Beach, FL, October 1984.

CROMER, C. J. "Freeze Protection," Florida Solar Energy Industries Association, Space Coast Chapter, Cocoa Beach, FL, February 1984.

CROMER, C. J. "Solar Applications to Pool Heating - Sizing and Formulas," National Pool & Spa Institute Representatives Meeting, Cocoa Beach, FL, May 1984.

FAIREY, P. W., CHANDRA, S. and VIEIRA, R. "Auxiliary Cooling Loads in Passively Cooled Buildings: An Experimental Research Study," First Annual Symposium on Efficient Utilization of Energy in Residential and Commercial Buildings, Texas A & M University, College Station, TX, August 1984.

FAIREY, P. W. "Passive Cooling Alternatives," Miami Dade Community College, Miami, FL, June 1984.

- KETTLES, C. M. "Single Permitting/Model Ordinance," Presentation to Palm Beach County Building Officials, Palm Beach, FL, July 1984.
- KHATTAR, M. K. "Air-Conditioning Research for Warm, Humid Climates," American Society of Heating, Refrigerating and Air-Conditioning Engineers, Space Coast Chapter, Cocoa, FL, September 1984.
- KHATTAR, M. K. "Sizing AC Equipment in Warm, Humid Climates," American Society of Heating, Refrigerating and Air-Conditioning Engineers, Gulfstream Chapter, West Palm Beach, FL, May 1984.
- LAHART, D. E. "Teaching Science With Solar," Leadership Conference in Science Education, University of Houston, Clearlake, TX, November 1984.
- MELODY, I. "FSEC Technology Transfer: A Case Study," U. S. Department of Energy Semiannual Review of Technology Transfer Programs, Washington, D.C., December 1984.
- SHEINKOPF, K. G. "Solar Marketing," Solar Age Opportunity Planning Conference, Estes Park, CO, October 1984.
- SHEINKOPF, K. G. "Solar Marketing," Florida Solar Energy Industries Association, Southeast Chapter Meeting, Miami, FL, December 1984.
- YAROSH, M. "Solar Research, Technology Transfer and the Solar Industry - Some Florida Experiences," U. S. Department of Energy Conference on Solar Buildings, Washington, D. C., March 1985.

STUDENT AFFAIRS

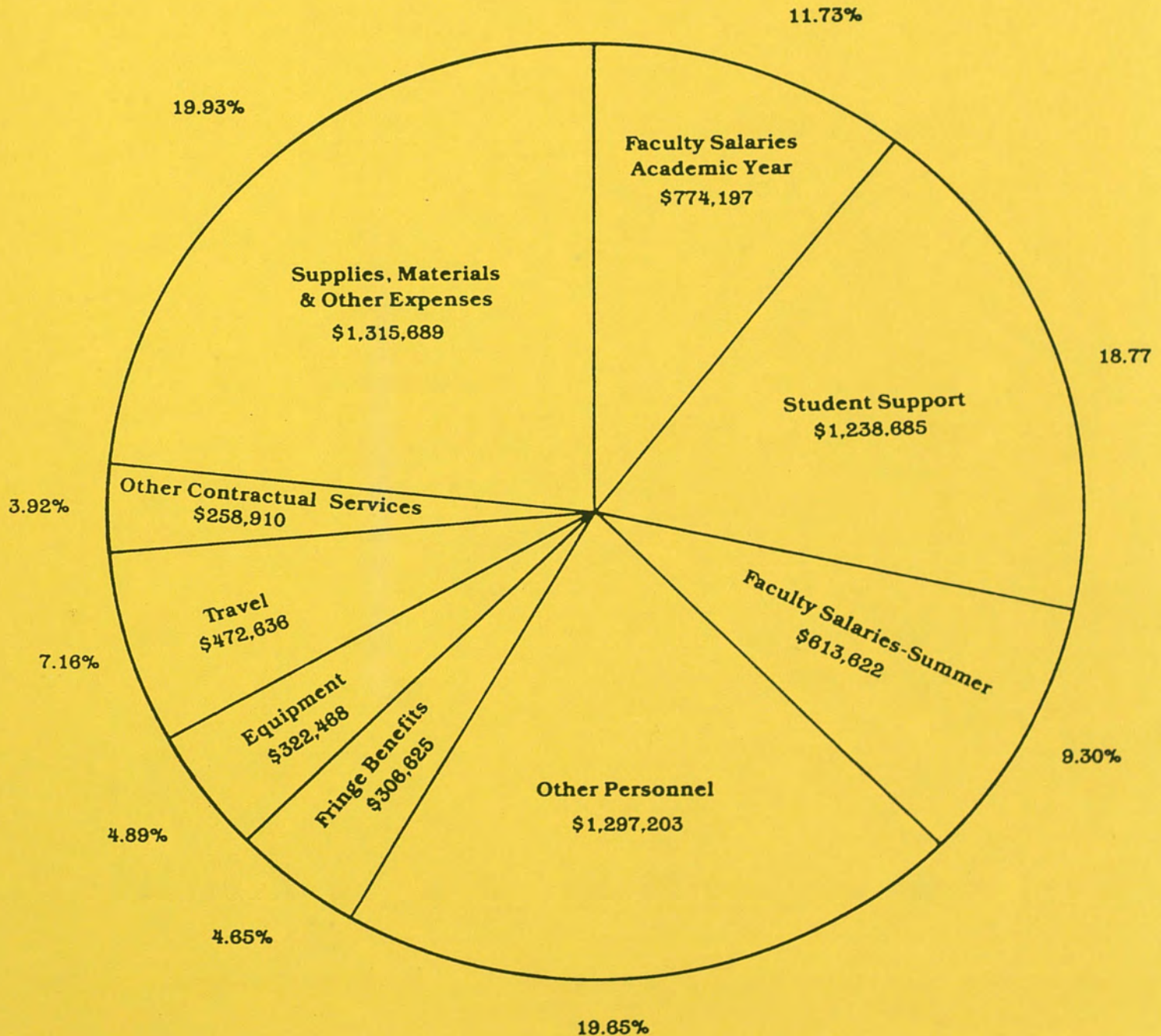
- FISHER, K. E. "The Wonders of Hypnosis," Women's Enrichment Clinic, Orlando, FL, April 1985.
- FISHER, K. E. "Aging Parents: Whose Responsibility?" Annual Florida Family Super Conference, Orlando, FL, April 1985.
- FISHER, K. E. "The Wonders of Hypnosis," Women's Association, Winter Springs, FL, April 1985.
- EAKER, D. W. "The Disturbed Child: A Behavioral Approach, East Coast and Redlands Christian Migrant Head-Start Project Staff, Apopka, FL, March 1985.
- TUBBS, L. "Human Relations: Sensitivity to Teaching Disadvantaged Students, Milwee Middle School, Longwood, FL, November 1984, January 1985.
- TUBBS, L. "Team Management," Seminole County Principals, Wekiva Elementary School, Longwood, FL, January 1985.

EXTERNAL FUNDING

Contracts and Grants

\$7,095,823.00

RESEARCH EXPENDITURES BY BUDGET CATEGORY



ADMINISTRATIVE OFFICES

Principal Investigator	Title	Amount	Agency
A. M. Allison	TIC 1985	\$ 141,752	DOD/NTEC
R. L. Arnold	AV Support	7,373	UF
R. Atwell	VCIP FY85	7,134	ED
W. H. Branch	Grant	30,000	FL/DOE
J. W. Gracey	Cooperative Education	2,883	ED
J. W. Gracey	Parks-Jaggers Students	13,357	Parks-Jagger
J. W. Gracey	ILS - Students	1,581	Int. Laser Systems
R. Handberg	McKnight Faculty	15,000	McKnight Program
R. Harman	Alcohol Info Center	7,515	UF
M. A. Johnston	USMC War Games	119,671	DOD/NTEC
M. A. Johnston	War Games Supply Support	19,788	DOD/NTEC
M. A. Johnston	USMC Manual War Games	145,109	DOD/NTEC
M. A. Johnston	War Games - D.O.0008	594,448	DOD/NTEC
M. A. Johnston	War Games - DO 0009	71,987	DOD/NTEC
M. A. Johnston	War Games - DO 0010	114,218	DOD/NTEC
M. A. Johnston	TDAC/JSACS Data Collection	74,647	DOD/NTEC
M. A. Johnston	TDAC/DOD Data Collection	55,000	DOD/NTEC
M. A. Johnston	TDAC/Reserve Data	100,000	DOD/NTEC
M. A. Johnston	IST/Center of Excellence	60,000	DOD/NTEC
M. A. Johnston	VTRS Graphics	149,911	DOD/NTEC
M. A. Johnston	Aircrew Training	46,525	DOD/NTEC
P. R. McQuilkin	Biomedical Training	67,300	FAMU
C. D. Surles,			
R. Handberg	Center of Excellence	25,000	McKnight Fdn.
C. D. Surles	Reachout Project II	8,756	FL/DOE
C. D. Surles	Center of Excellence	25,000	McKnight Fdn.
L. M. Trefonas,			
P. C. Manning	Excellence in Science	70,820	FL/DOE
L. M. Trefonas,			
C. D. Surles	Special Summer FY85	24,000	FL/SUS
L. Tubbs	Martin Marietta	520,116	Martin Marietta
	TOTAL	\$2,518,891	

COLLEGE OF ARTS & SCIENCES

Principal Investigator	Title	Amount	Agency
D. W. Abbott	CAI Software	\$ 79,978	DOD/NTEC
G. L. Baker	Paint Evaluation II	300	Engineering Tech.
A. F. Chase,			
D. Z. Chase	Belize Expedition	78,080	Anonymous, UCF Fdn.
W. L. Chen	IST Funding	496,000	Hughes Helicopter
L. Chow	Electron Density	14,000	Research Corp.
C. A. Clausen	Infrared Obscuration Study	600	Engineering Tech.
G. N. Cunningham	USDA Post Doc	43,920	USDA
G. N. Cunningham,			
D. T. Kuhn	Enzyme Patterns	25,000	NSF
J. S. Duffey	Sheriff's Tasks 3-5	11,500	Brevard County
L. M. Ehrhart	Turtle Mortality	16,443	FL/GFC
T. J. Frederick	Personnel Support	5,639	CSRI

COLLEGE OF ARTS & SCIENCES (continued)

Principal Investigator	Title	Amount	Agency
F. J. Gomez	Computer-Based Training	\$ 40,936	Hughes Aircraft
J. Hemschemeyer	Poets Plus	4,570	FEH
G. Jaffe	Materials Management	13,333	Dynamic Control
G. Jaffe	Laboratory Project	11,670	Dynamic Control
G. Jaffee	Update Manuals	4,007	Dynamic Control
K. J. Kazmerski	Social Work Training	14,254	FL/HRS
K. J. Kazmerski	Medical Case Planning	4,840	FL/HRS
K. J. Kazmerski	Case Management	28,500	FL/HRS
K. Keller	Canadian Study	3,000	Canadian Embassy
H. Kennedy	Canadian Studies	21,000	BFCs
D. T. Kuhn	D. Melanogaster Genes	120,000	NSF
D. T. Kuhn	Hoyt Fellowship FY85	2,400	Amer.Cancer Soc.
R. E. Longley	Leukemia Prevention	9,000	Amer.Cancer Soc.
B. C. Madsen	Acid Rain	1,300	Bionetics Corp.
L. C. Malone	Institute of Statistics	3,400	Ortho Pharmaceutical
J. A. Meyers	Polymer Conductivity	9,720	NASA
H. A. Miller	Melanesian Bryophytes	75,881	NSF
H. A. Miller	FL/Academy of Science	12,000	FL Academy Sci.
H. A. Miller, R. S. White	Phytochemical Research II	250	Mr. J.J. Georgusis
S. E. Omans	Inst. Tech. Documentation	1,428	Various
J. Smith	Meta Analysis	28,270	DOD/NTEC
F. F. Snelson	Training Cruise	7,400	FIO
W. K. Taylor	Ornithological Research	1,000	Rich Food Plan of FL
J. J. Turnage	Accession English Language	9,587	DOD/NTEC
M. E. Vittes	Canadian Study	3,000	Canadian Embassy
R. J. Wodzinski	Mutant Preparation	15,000	USDA
	TOTAL	\$1,217,206	

COLLEGE OF BUSINESS ADMINISTRATION

Principal Investigator	Title	Amount	Agency
E. Day	Business Barometer FY85	\$ 13,210	Sun Bank
M. B. Hunt	Tape Duplication	266	TTP
P. A. Klock, E. A. Moses	AT&T Students	14,720	AT&T
D. R. Klock	Seminole School Project	3,000	Seminole County
W. W. McHone	Economic Impact	6,000	Barnett Bank
W. W. McHone, B. S. Rungeling	FL Distributive Section	9,520	Danis Ind. Corp.
R. L. Pennington	Economic Ed	78,636	FCEE
A. Pizam	Performance Measures	15,000	FL/DOC
A. Pizam, R. J. Calantone	Tourism Model	17,000	FL/DOC
A. Pizam, R. J. Calantone	Tourist Interviews	7,000	FL/DOC
A. Pizam	Meals on Wheels	13,890	Christian Serv. Ctr.
A. Pizam	Hotel/Motel Impact Study	4,400	CFHMA
A. Pizam	Moroccan Market	3,000	MNT0
A. Pizam	Silver Springs Study	7,150	Silver Springs, Inc.

COLLEGE OF BUSINESS ADMINISTRATION (continued)

Principal Investigator	Title	Amount	Agency
A. Pizam	Cypress Gardens	\$ 9,352	Cypress Gardens
A. T. Polfer	Development Center FY85	166,393	UWF
A. T. Polfer	SBCD International Studies	54,000	UWF
R. S. Rubin	Business Institute FY85	16,000	SBA
J. H. Salter	Accounting Operations	28,500	AT&T
C. D. Schou	Production Model	49,270	DOD/Army
	TOTAL	\$516,307	

COLLEGE OF EDUCATION

Principal Investigator	Title	Amount	Agency
D. J. Baumbach	Computing Resource Center	\$ 30,000	FL/DOE
R. M. Bollet	Career Resource FY85	3,000	FL/DOE
R. G. Cowgill	Teacher Ed Center FY85	196,972	FL/DOE
G. E. Fardig	Beginning Teachers FY85	50,000	FL/DOE
G. E. Fardig	Barriers to CBVE FY85	26,976	FL/DOE
G. E. Fardig	Training Interns	10,000	FL/DOE
T. L. Harrow	Industrial Arts FY85	5,175	FL/DOE
L. R. Hudson	Health Occupations FY85	4,000	FL/DOE
L. R. Hudson	Competencies for Aides FY85	4,000	FL/DOE
R. R. Lange	Vocational Evaluation	21,690	FL/DOE
D. J. Mealor	Teacher Internship FY85	35,000	FL/DOE
R. F. Paugh	Educator's Workshop FY85	30,000	FL/DOE
B. W. Siebert	Materials Develop. FY85	18,002	FL/DOE
S. E. Sorg	Support Services FY58	15,000	FL/DOE
S. E. Sorg	Leadership Comp. FY85	8,000	FL/DOE
	TOTAL	\$457,815	

COLLEGE OF ENGINEERING

Principal Investigator	Title	Amount	Agency
L. A. Anderson	Lifting Surfaces	\$ 69,255	NASA
B. F. Beck	Recharge Water Quality	4,185	USDA
B. F. Beck	Recharge Water Quality	12,749	DOA
B. F. Beck	Land Subsidence	14,126	DOD/AF
B. F. Beck	Radar Research	32,000	FL/DOT
B. F. Beck	Groundwater Pollution	97,797	FL/DER
M. Belkerdid, R. L. Phillips	Fiber Fuel Sensor	38,100	Simmonds Prec.
J. E. Biegel	Automated Test	25,000	Harris Corp.
J. E. Biegel	EIES - CIM Laboratory	5,000	UCF/EIES
C. D. Cooper	Paint Drying	16,025	AES
J. D. Dietz	EIES-EPA Coordination	500	UCF/EIES
J. H. Dixon	EIES-Construction Industry	1,245	UCF/EIES
H. L. Griffith	Capital Equipment Grant	3,795	SME Mfg. Eng. Ed.
J. P. Hartman	EIES - CUTHA	3,200	StonyBrook

COLLEGE OF ENGINEERING (continued)

Principal Investigator	Title	Amount	Agency
R. L. Henry	EIES-Lifting Surfaces	\$ 7,386	UCF/EIES
Y. Hosni	Personnel Relations	33,997	NASA
D. R. Jenkins, B. F. Beck	EIES-Building Design	8,552	UCF/EIES
L. Kitis	Flexible Mechanisms	48,000	NSF
L. Kitis	EIES-Transfer Matrix	9,146	UCF/EIES
D. G. Linton	EIES-Space Station Simulator	5,581	UCF/EIES
D. G. Linton	Space Station Analysis	27,500	NASA
D. G. Linton	NTIPP Training Aids	9,000	DOD/NTEC
D. C. Malocha	EIES-Device Fabrication	5,180	UCF/EIES
D. C. Malocha	Andersen Affiliates	49,500	Andersen Lab
D. C. Malocha	Diffraction Analysis	9,999	Texas Instruments
D. C. Malocha	EIES - Apodized SAW Filter	4,475	UCF/EIES
R. J. Martin, M. G. Harris	Electrical Oculometer	50,820	Martin Marietta
R. J. Martin, M. G. Harris, H. C. Gerber	Digital Oculometer	49,144	Martin Marietta
R. J. Martin	EIES-Gameport Oculometer	11,305	UCF/EIES
B. E. Mathews, R. Handberg	McKnight Fellowship	25,000	McKnight Fdn.
B. E. Mathews, R. Handberg	Vigil - NSF Fellow FY86	17,100	NSF
C. E. Nuckolls	Crashworthiness	10,040	FAA
C. N. Palmer	Stormwater/Lake Mgt.	903	Dyer, Riddle, et al.
R. L. Phillips	EIES-Light Wave Tech.	39,504	UCF/EIES
A. Pozefsky	STAC VII	6,202	UF
A. Pozefsky	STAC VIII	46,000	UF
S. L. Rice	EIES - Tribology Equipment	5,000	UCF/EIES
W. E. Rodriguez	Computer Graphics Learning	2,500	UCF/Instruct. Res.
G. F. Schrader	EIES Equip. Maint. & Rent	300	S. S. Kuo
F. O. Simons	Student Tech. Support III	24,966	DOD/NTEC
L. L. Smith	EIES-Work Physiology	4,299	UCF/EIES
H. C. Towle	EIES-Expert Systems	14,561	UCF/EIES
H. C. Towle	STAGS/MULE	21,695	DOD/NTEC
H. C. Towle	STAGS/MULE AI Support	24,804	DOD/NTEC
H. C. Towle	STAGS-MARK Training Device	38,997	DOD/NTEC
R. A. Walters	EIES-Fiber Optic Sensors	4,781	UCF/EIES
R. A. Walters	Temperature Sensors	55,183	Westinghouse
M. P. Wanielista	EIES-Well Quality	8,233	UCF/EIES
M. P. Wanielista	Groundwater Contamination	49,996	FL/DOT
M. P. Wanielista	Drainage Well Study	13,929	DRM&P
M. P. Wanielista	EIES-Research Exploration	5,000	UCF/EIES
G. E. Whitehouse	EIES-Manpower Model	9,365	UCF/EIES
G. E. Whitehouse	Space Station Model	15,000	McDonnell Douglas
G. E. Whitehouse	Manpower Model	59,634	DOD/NTEC
Y. A. Yousef	EIES-Retention Basins	1,100	UCF/EIES
TOTAL		\$1,156,654	

COLLEGE OF HEALTH

Principal Investigator	Title	Amount	Agency
T. J. Edwards	Radiologic Technology FY85	<u>\$2,000</u>	FL/DOE
	TOTAL	<u>\$2,000</u>	

FLORIDA SOLAR ENERGY CENTER

Principal Investigator	Title	Amount	Agency
D. L. Block	Ocean Thermal Energy (mod)	24,750	SERI
D. L. Block	Design/Cost Study	199,492	SERI
S. Chandra,			
P. W. Fairey	Residential Conservation	79,853	DOE
S. Chandra	Ventilation Handbook	5,000	SERI
S. Chandra	Hybrid Power System	5,000	SRI International
C. J. Cromer	Conservation Construction	35,026	Brookhaven Lab.
C. J. Cromer	Botswana Research	6,000	ARD, Inc.
P. W. Fairey	Nocturnal Radiation	44,684	DOE
H. M. Healey	Water Control System	6,000	SFWMD
M. K. Khattar	Heatpipe Applications	48,862	NASA
D. E. LaHart	Designing Homes	5,400	FL/DOE
W. R. McCluney	Fenestration Research	130,100	DOE
J. D. Roland	Roof Structures	14,000	Florida Power/Light
G. G. Ventre	SE Experiment Station	515,000	DOE
R. K. Vieira,			
D. Kilfoyle	Hybrid Power System	5,000	SRI International
M. M. Yarosh	LTP Evaluation	20,000	NBS
M. M. Yarosh,			
T. Merrigan	Educational Facilities	<u>37,500</u>	FL/DOE
	TOTAL	<u>\$1,181,667</u>	

INTERNALLY FUNDED AWARDS

\$129,623.00

COLLEGE OF ARTS & SCIENCES

Travel to present papers at workshop on the Physics of Directed Energy Propagation in the Atmosphere. <u>L. C. Andrews.</u>	300
Computer equipment support. <u>J. C. Brophy.</u>	1,546
Duplication costs for questionnaire. <u>W. R. Brown.</u>	100
Vehicle donated to University for research use. <u>D. Z. Chase, A. F. Chase.</u>	4,800
Fatehpur Sikri: The Imperial Ghost City. <u>J. J. Chavda.</u>	5,150
High Pressure Study of the ⁷³ Ge Mossbauer Isomer Shift. <u>L. Chow.</u>	4,994
Quantitative analysis of enzyme pattern formation in <u>Drosophila</u> imaginal discs. <u>G. N. Cunningham.</u>	5,000
Computer program and data security. <u>J. R. Driscoll.</u>	4,997
Study of newspaper endorsements. <u>F. E. Fedler.</u>	670
Printing posters for art show. <u>W. Gaudnek.</u>	1,276
Support for travel to Wright Patterson AFB for human factors funding. <u>R. D. Gilson.</u>	540
The development of generalized information systems through knowledge engineering. <u>D. W. Isner.</u>	4,177
Travel to meet with funding agency officials. <u>G. W. Jaffee.</u>	90
Matching support for ongoing research on <u>D. melanogaster.</u> <u>D. T. Kuhn.</u>	5,842
Physical measurement of particulate aerosols. <u>R. A. Llewellyn.</u>	5,480
Prevention of leukemia by bone marrow transplantation and interleukin-2. <u>R. E. Longley.</u>	5,000
Support for leukemia prevention study. <u>R. E. Longley.</u>	3,000
Travel to present paper at Aquatic Plant Management Society meeting. <u>J. A. Osborne.</u>	400
Study of business in politics: corporate campaign activity in American national elections. <u>P. H. Pollock.</u>	4,445
Study of consistent estimation in nonlinear regression. <u>G. D. Richardson.</u>	5,000
Travel to meeting of Florida Institute of Oceanography as University representative. <u>F. F. Snelson.</u>	157
Provision of outboard motor for research boat. <u>F. F. Snelson.</u>	1,400
Provision of computer and supplies for research. <u>H. C. Sweet.</u>	2,445
Study of automatic processing and the word-letter effect. <u>M. H. Thomas.</u>	5,000
Support for travel to Human Factors Society meeting. <u>J. J. Turnage.</u>	300
Study of acid deposition, and the political content of the issue within the United States. <u>M. E. Vittes.</u>	3,135
Match for NEH Summer Institute on editing music of the classic period. <u>D. Voelker.</u>	250
Support for visiting art professor from Scotland. <u>C. Wellman.</u>	650
Environmental and biogeographic computer-assisted data retrieval and analysis. <u>H. O. Whittier.</u>	4,300
Travel to conference on Molecular Aspects of Protein Secretion and Assembly. <u>R. J. Wodzinski.</u>	318
Travel to meet with Harris Corporation for possible research funding. <u>D. A. Workman.</u>	75
TOTAL	80,837

COLLEGE OF BUSINESS ADMINISTRATION

Study of the impact of changes in exchange rates on the demand for Central Florida tourism services. <u>A. E. Day.</u>	4,317
Study of corporate abuse of the pension plan termination provision. <u>S. S. Graham.</u>	4,937
An empirical examination of debt repayment problems experienced by some countries. <u>J. Madura.</u>	4,993
Forecasting regional employment and income with a conjoined time-series/input-output model approach. <u>W. W. McHone.</u>	<u>4,993</u>
TOTAL	19,240

COLLEGE OF EDUCATION

Travel to annual meeting of the Association for Educational Communications and Technology. <u>R. A. Cornell.</u>	100
Study of logotherapy as a suicide prevention strategy for the school-aged child. <u>J. A. Crocitto.</u>	4,996
Support to study telecommunications for University. <u>L. R. Hudson.</u>	41
Study of interactive video. <u>G. W. Orwig.</u>	<u>1,640</u>
TOTAL	6,777

COLLEGE OF ENGINEERING

Support to attend International Conference on Robotics. <u>A. J. G. Babu.</u>	251
Investigation of the temperature dependance of stress corrosion cracking of implant alloys. <u>V. Desai.</u>	5,000
Formation of toxic organic compounds during chlorination of metal finishing wastewaters. <u>J. D. Dietz.</u>	4,961
Travel support for funding development. <u>D. C. Malocha.</u>	369
Cost of reprinting published article. <u>S. R. Rice.</u>	380
Research support for computer use. <u>J. S. Taylor.</u>	<u>400</u>
TOTAL	11,361

FLORIDA SOLAR ENERGY CENTER

Feasibility study for the design of solar powered pumping systems. <u>H. M. Healey.</u>	1,458
Study of moisture removal degradation in air conditioners. <u>M. K. Khattar.</u>	4,950
Funding for a low altitude wind survey of coastal Florida. <u>D. Kilfoyle.</u>	<u>5,000</u>
TOTAL	11,408

